

FIG. 1B

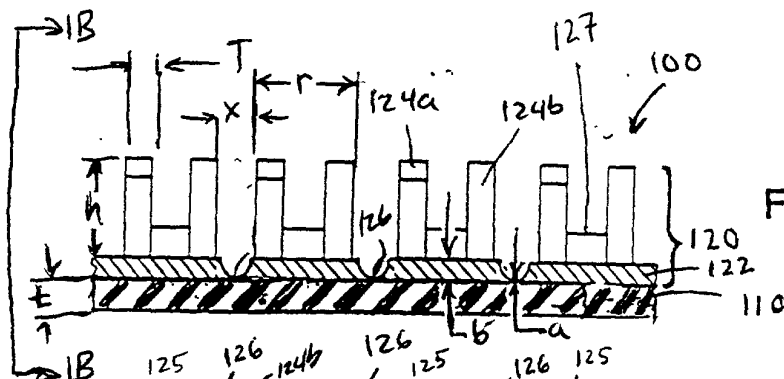


FIG. 1

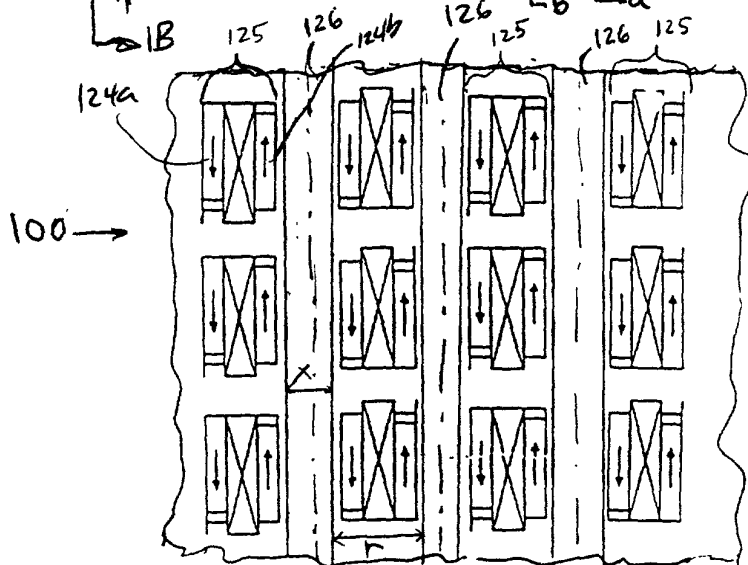


FIG. 1A

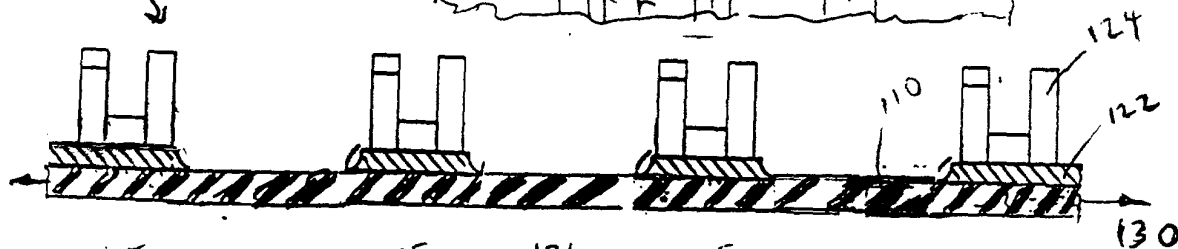


FIG. 2

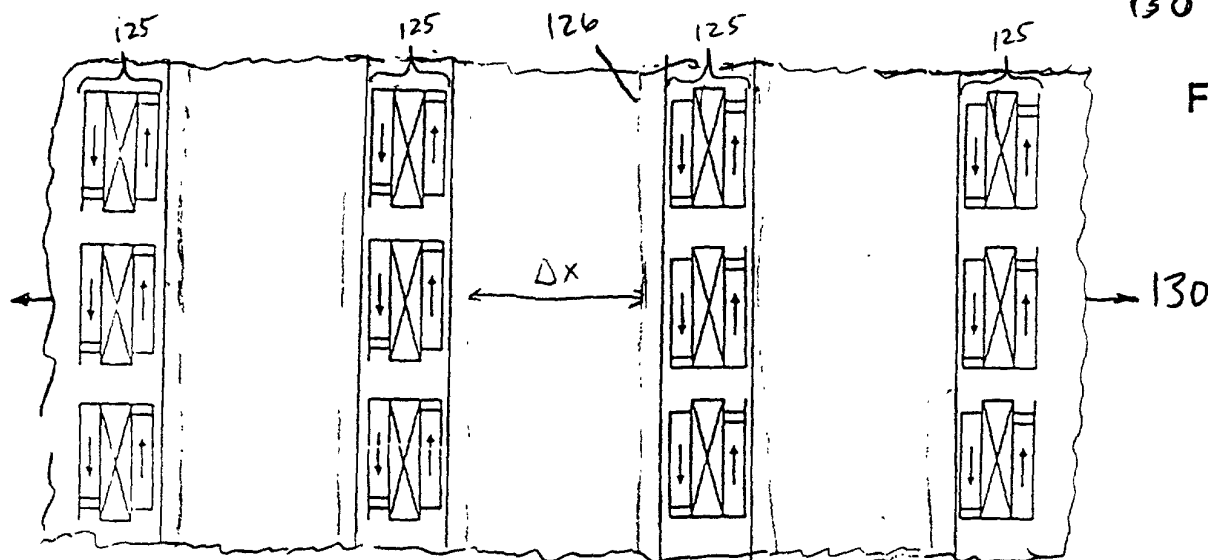
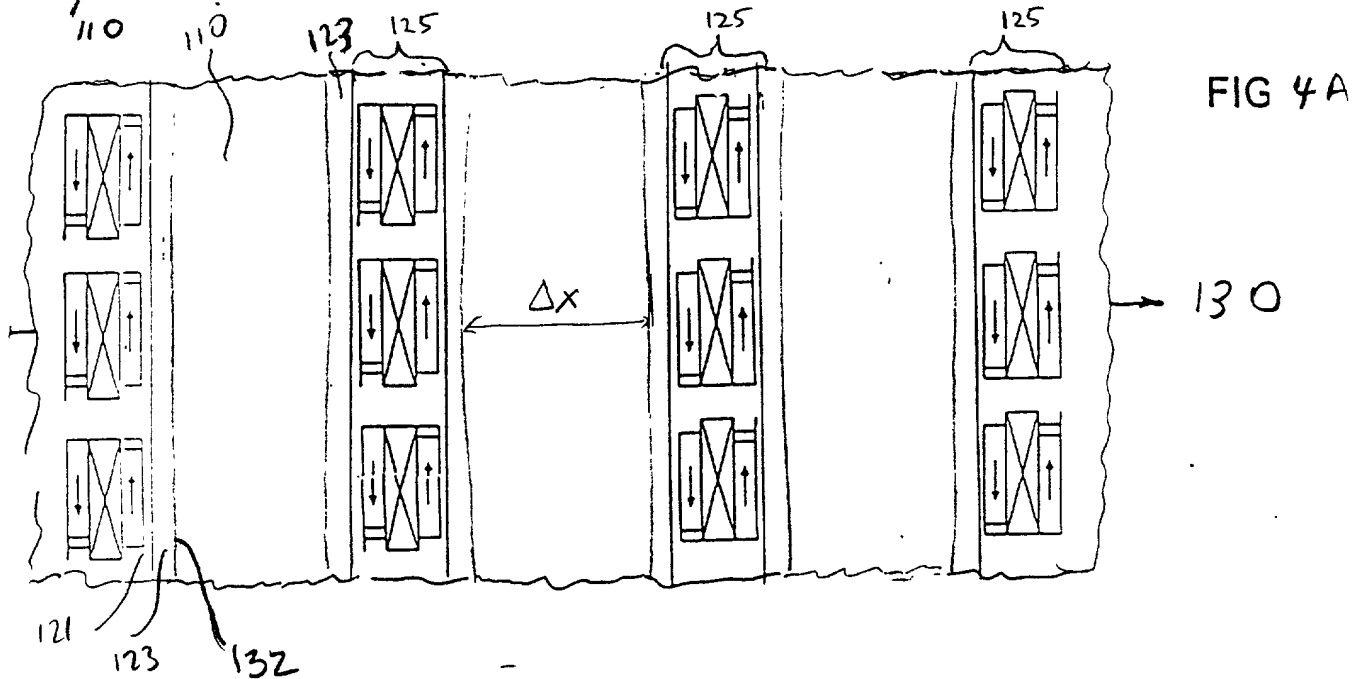
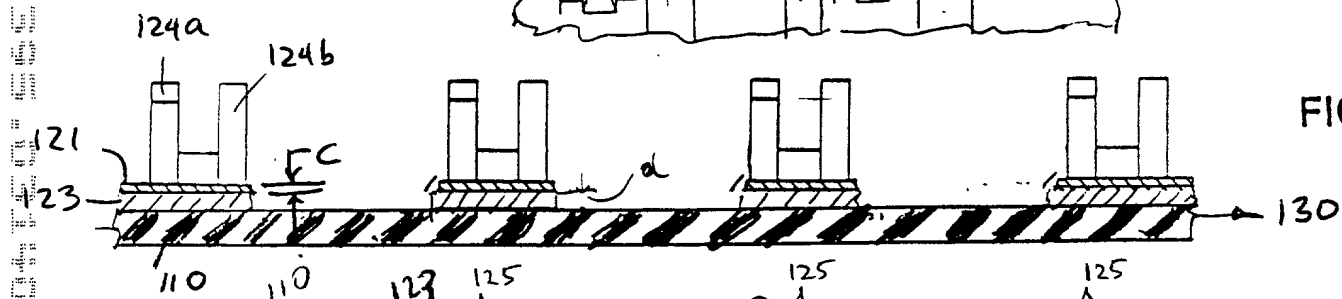
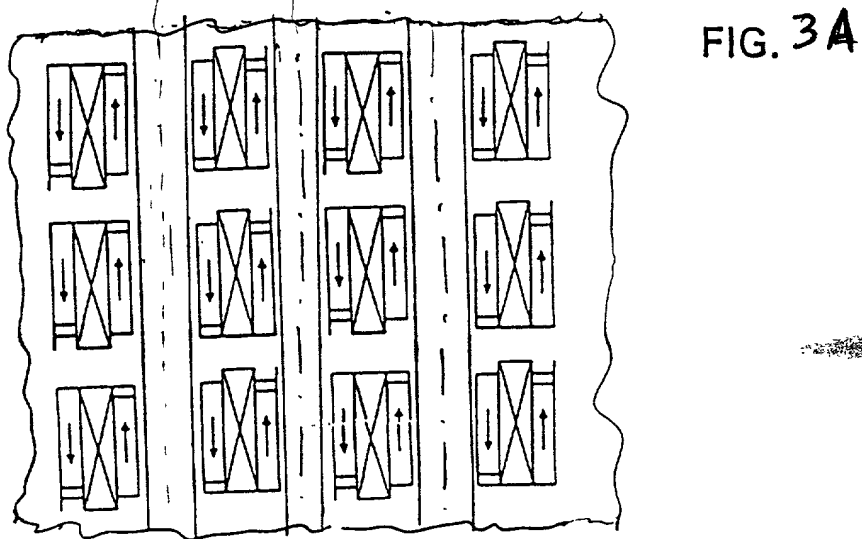
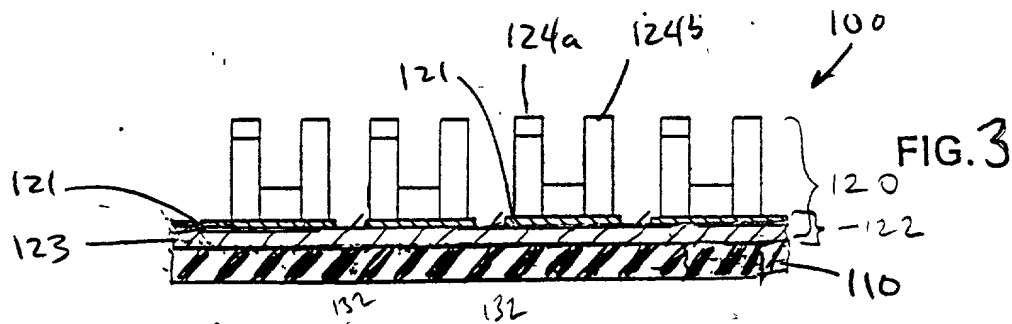


FIG. 2A



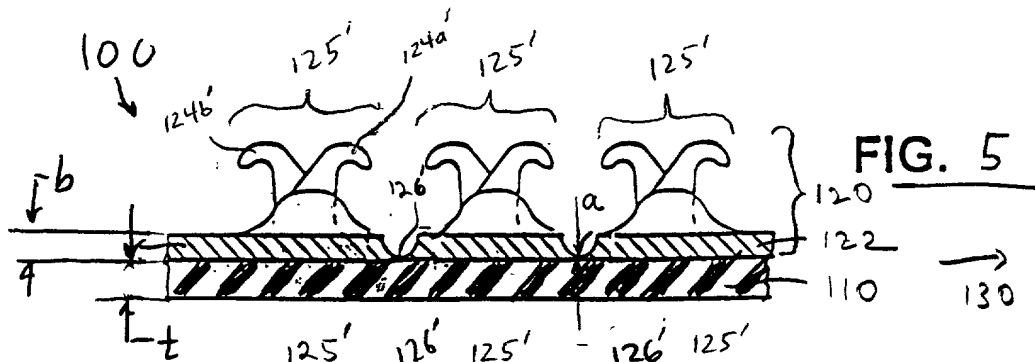


FIG. 5

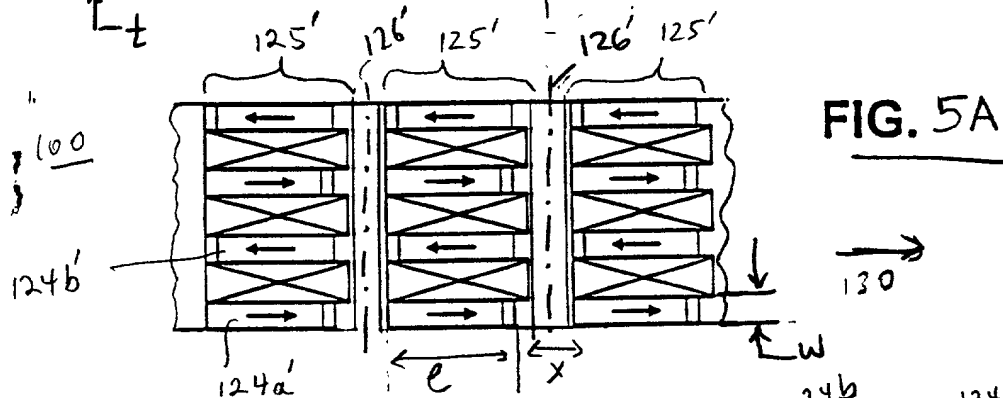


FIG. 5A

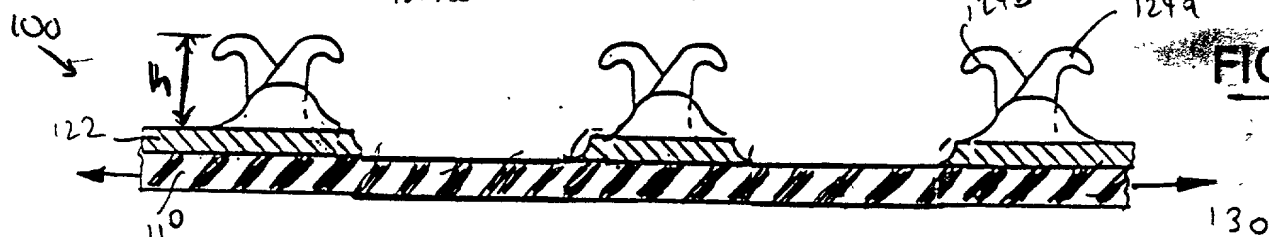


FIG. 6

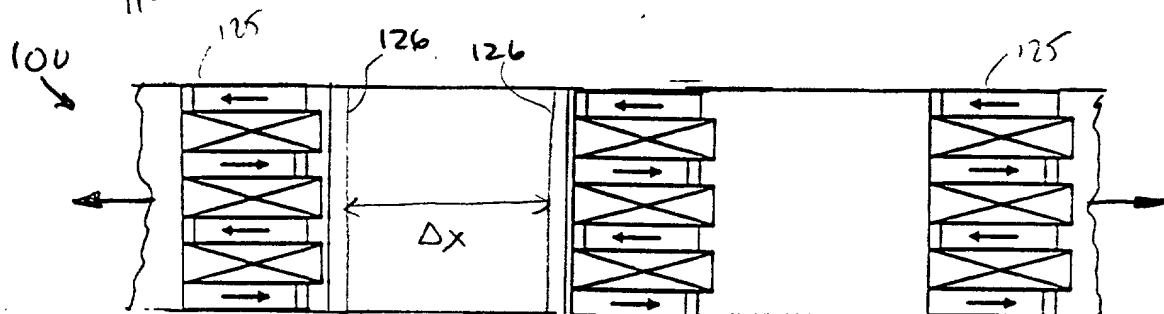


FIG. 6A

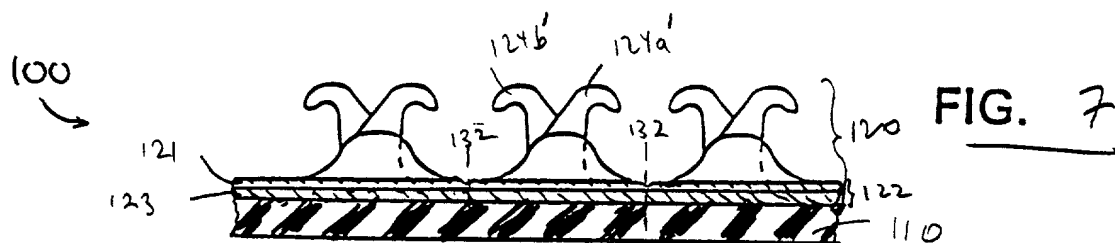


FIG. 7

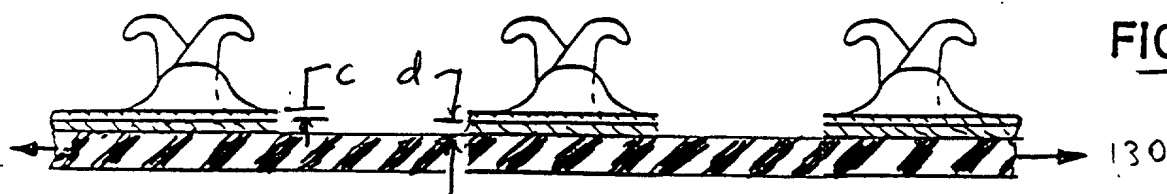


FIG. 7A

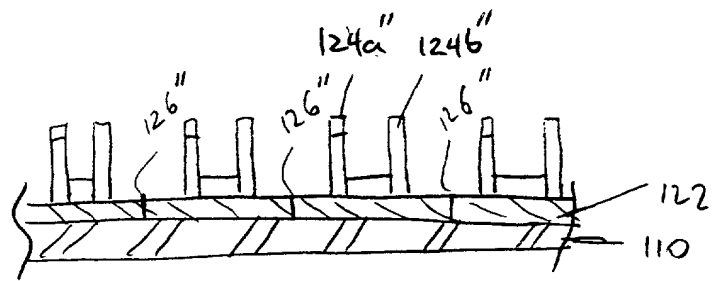


FIG. 8

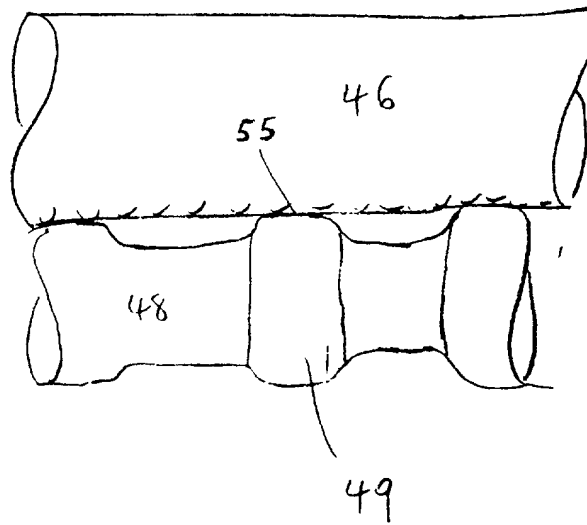
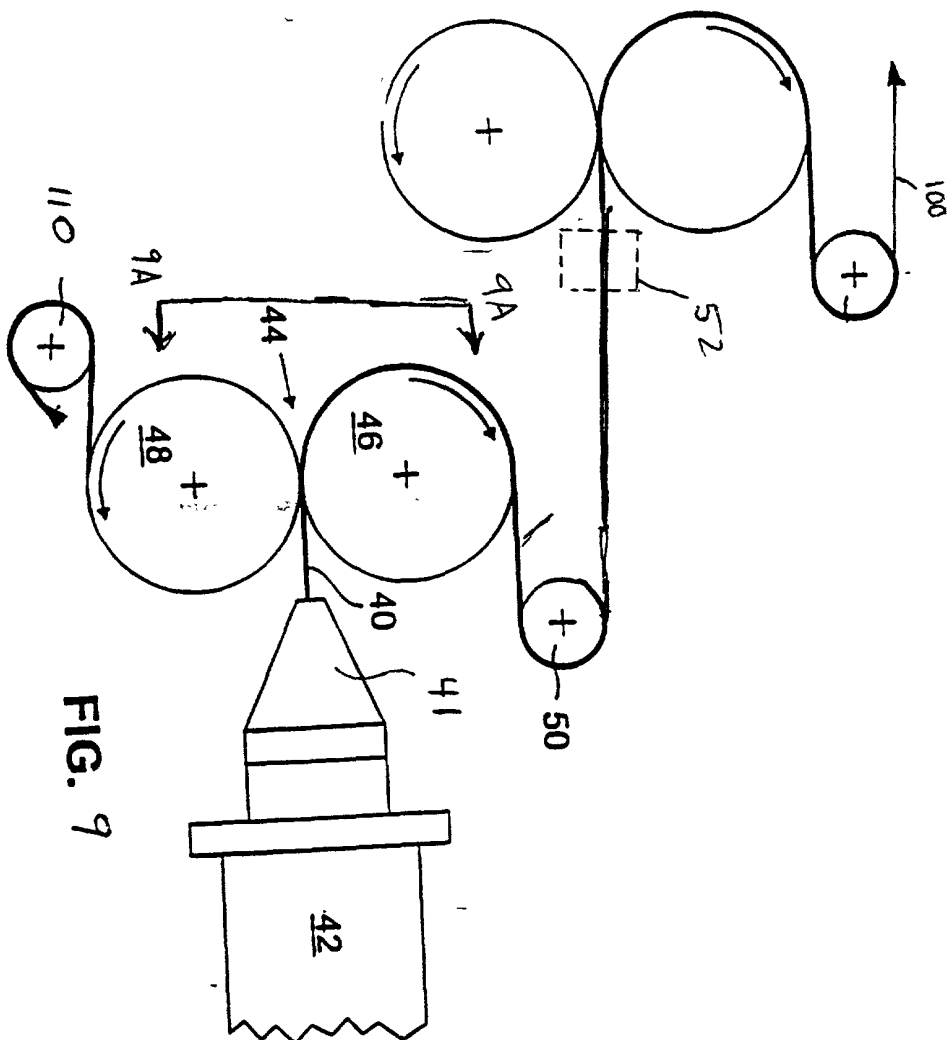


FIG. 9A



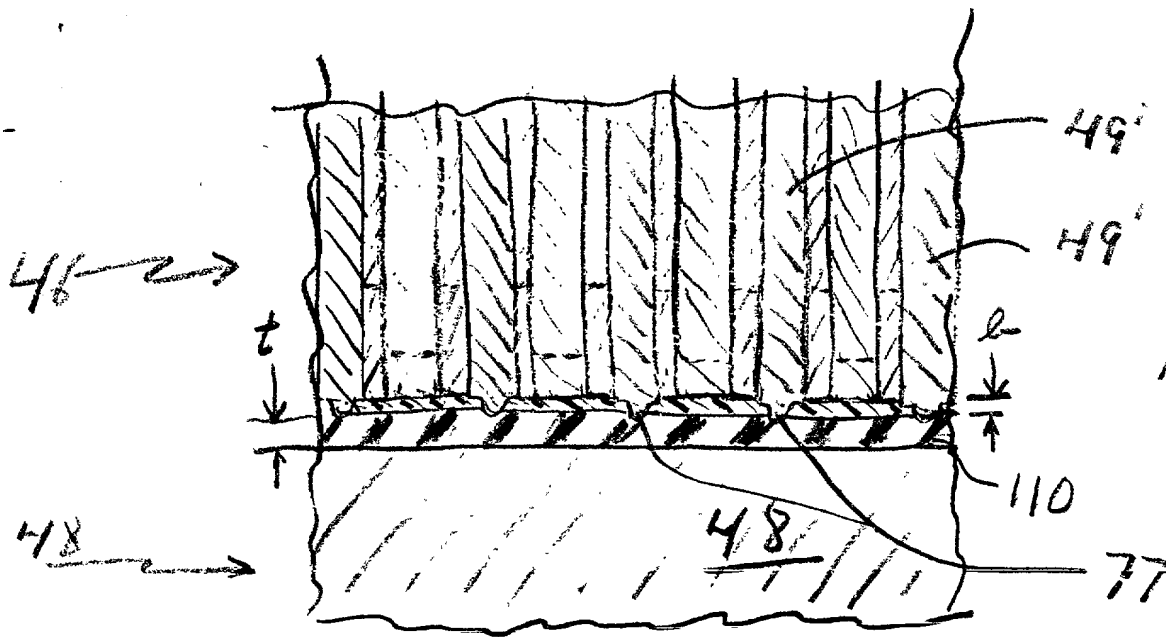


Fig 9c

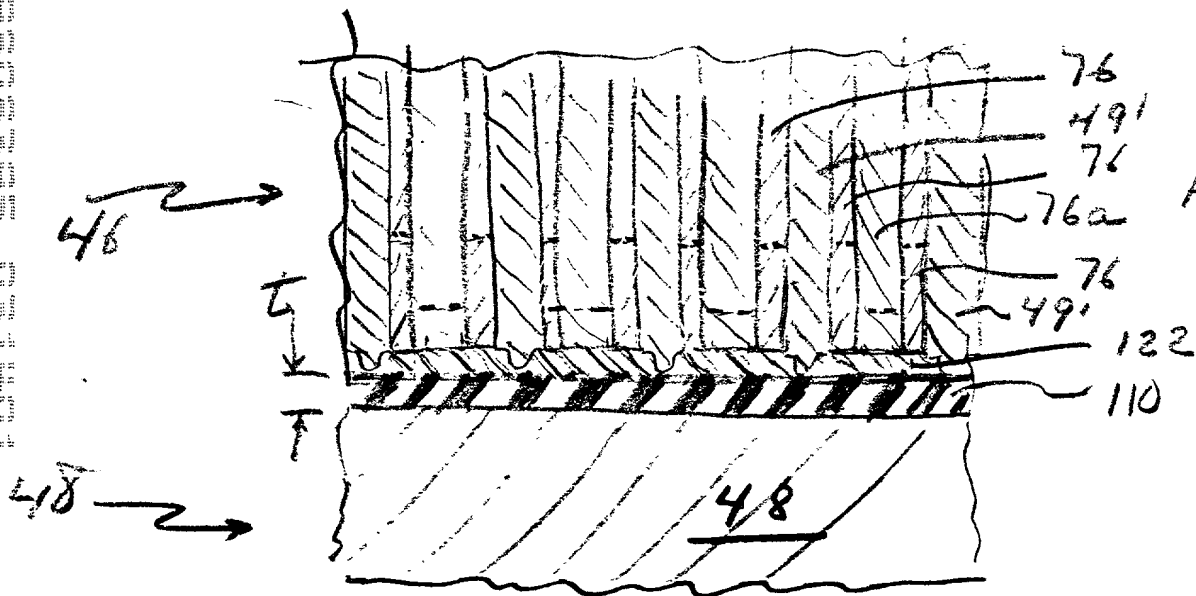


Fig 9b

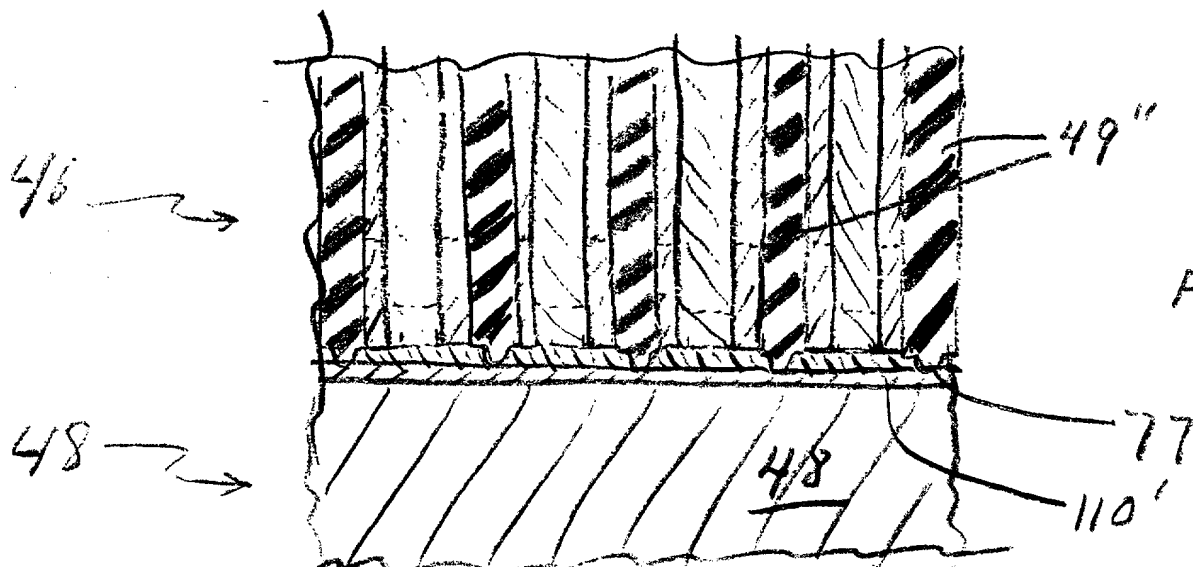
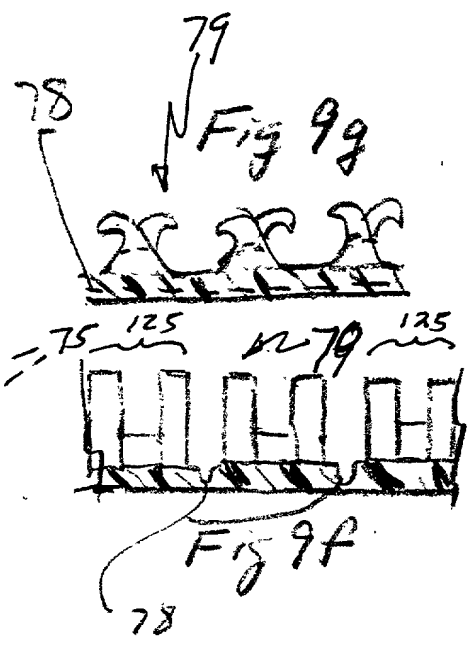
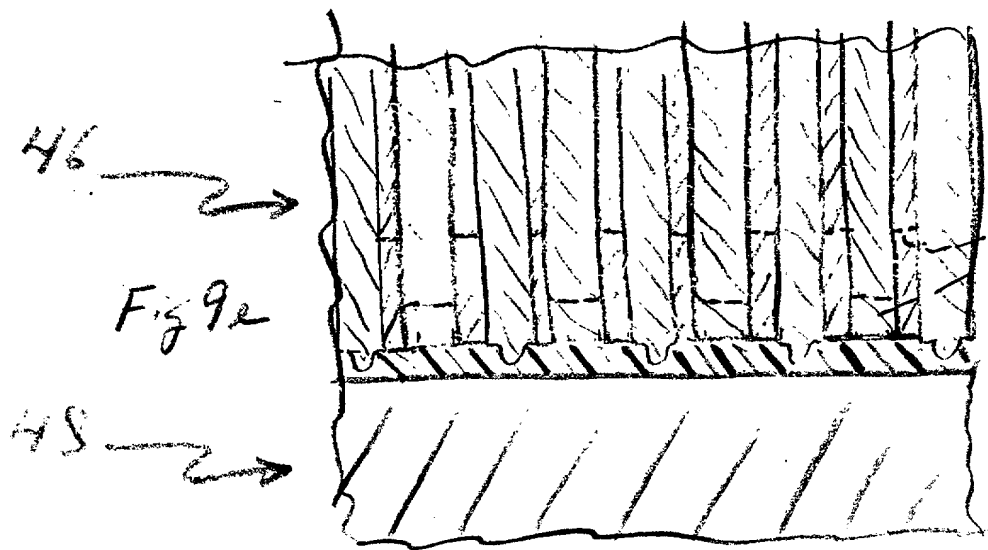
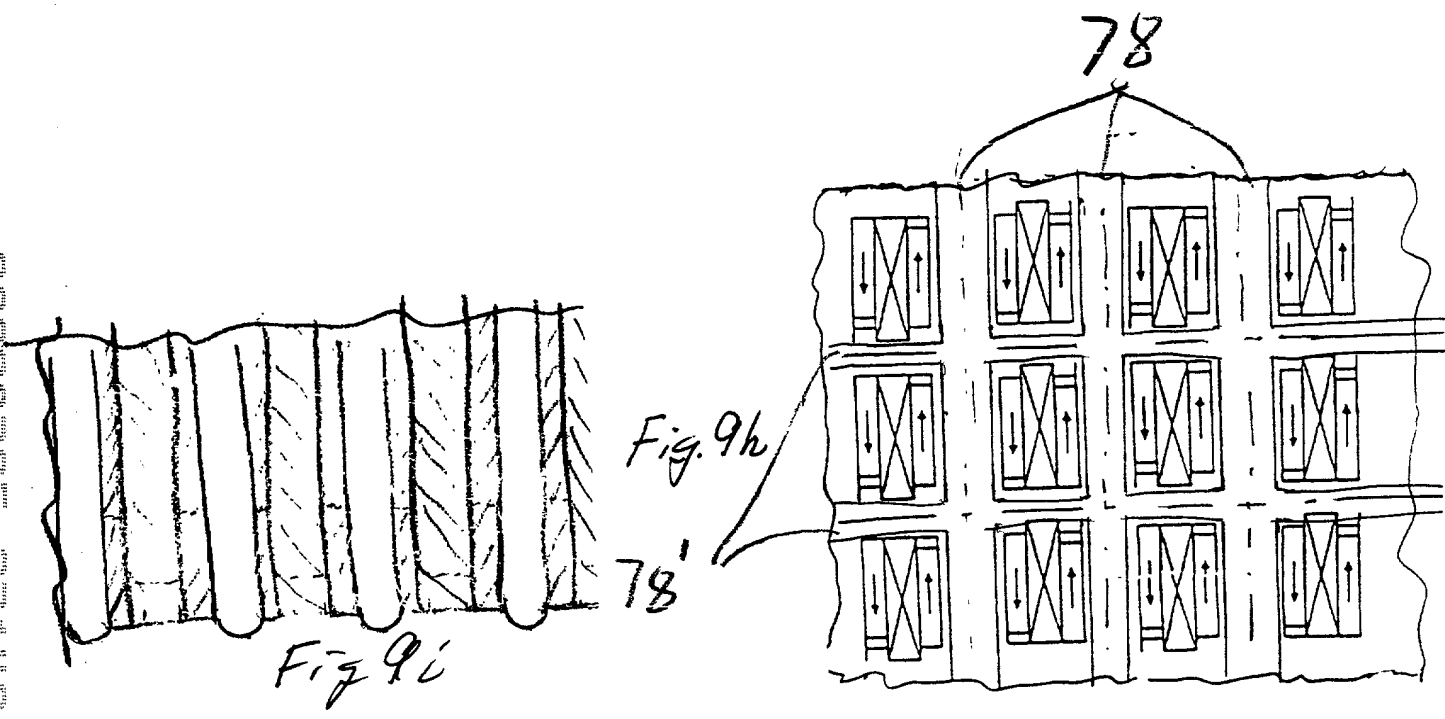


Fig 9d

FIG. 9a is a perspective view of a first embodiment of a device in accordance with the present invention. The device includes a plurality of vertical members 46 and a base 48. The vertical members 46 are arranged in a row and are connected to the base 48. The device is shown in a perspective view from the front and slightly to the right.



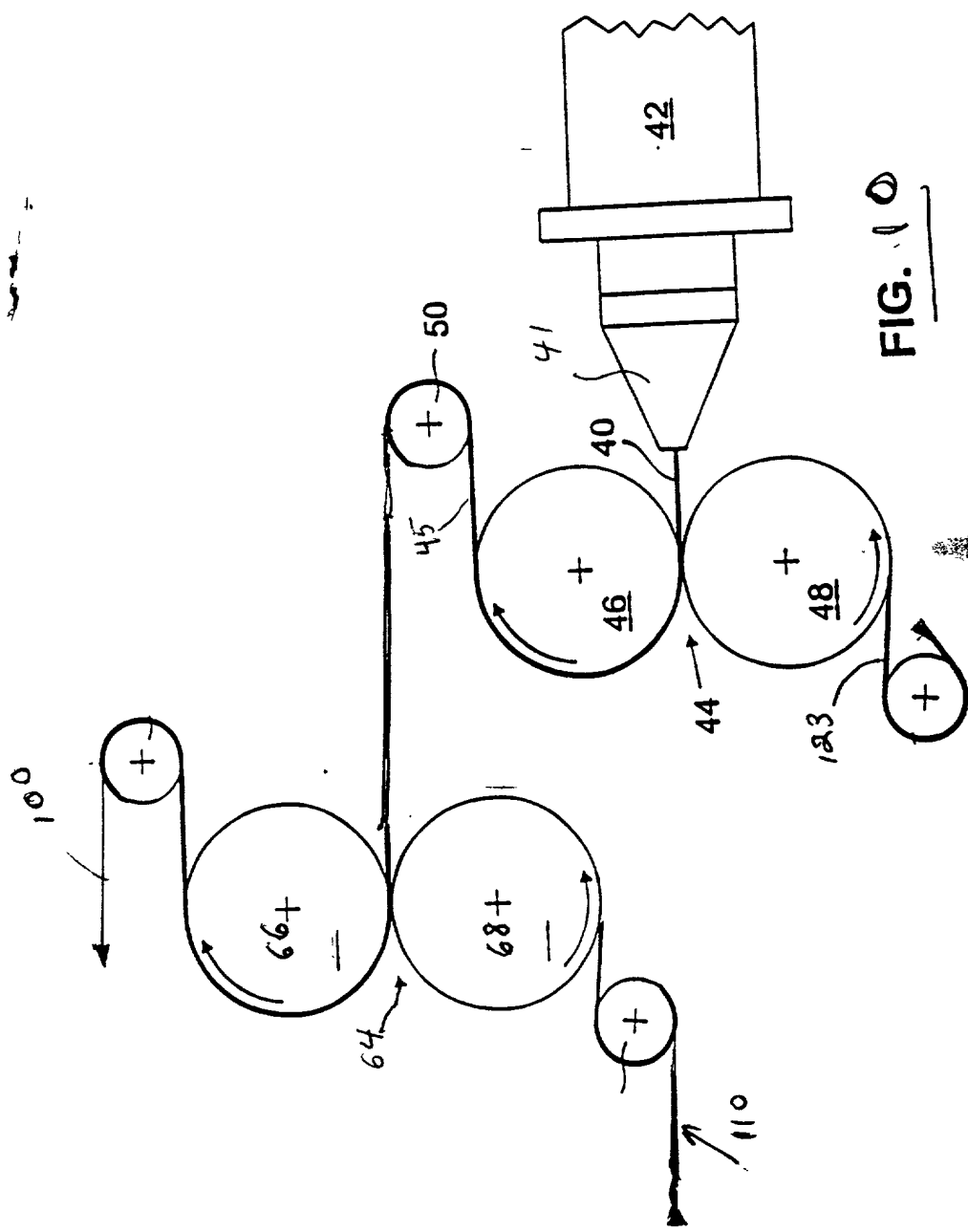
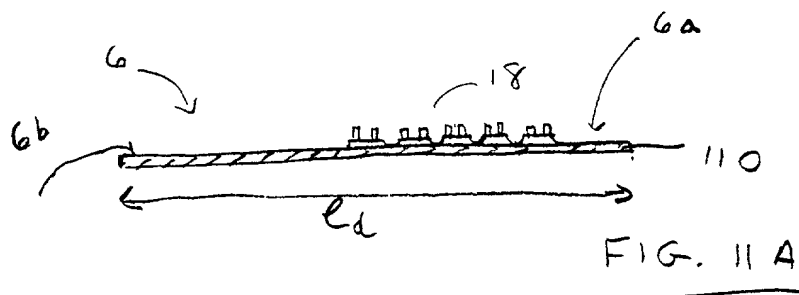
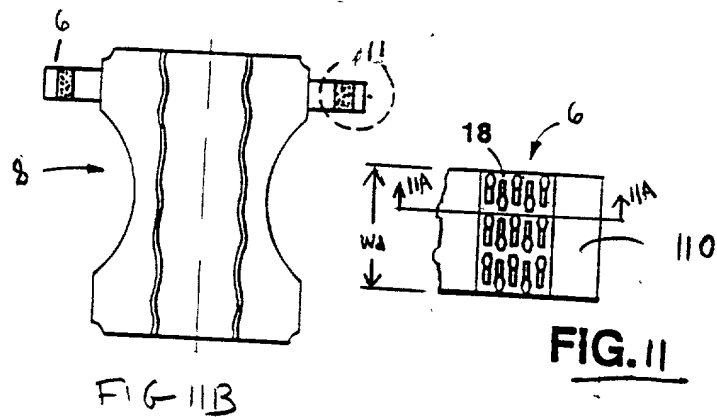
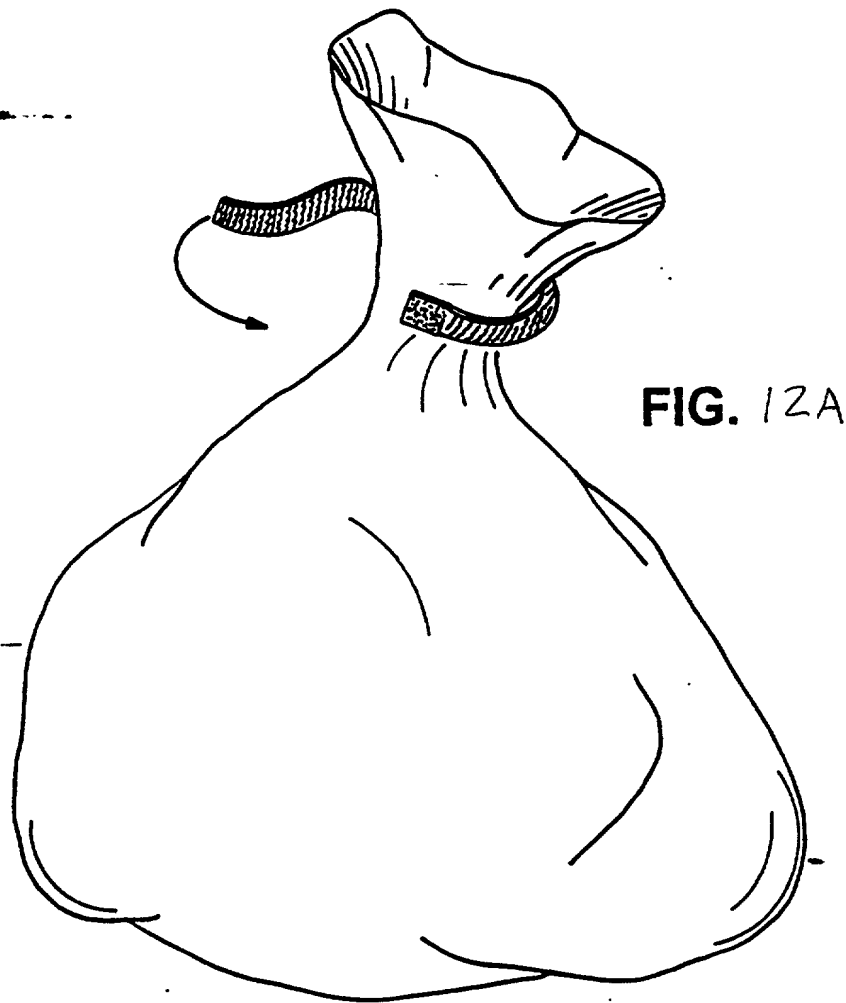
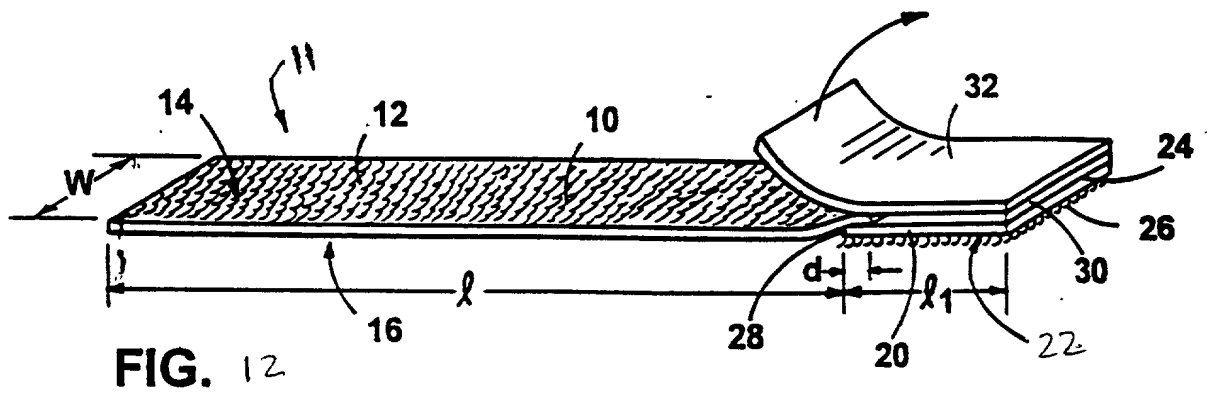


FIG. 10







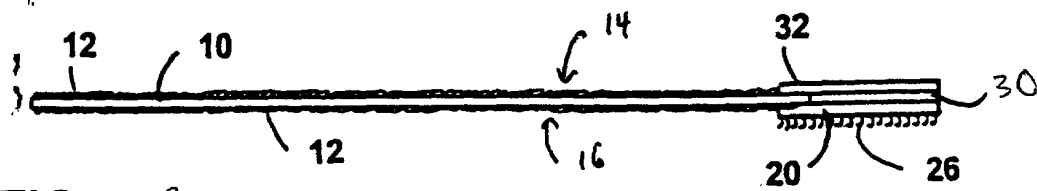


FIG. 12B

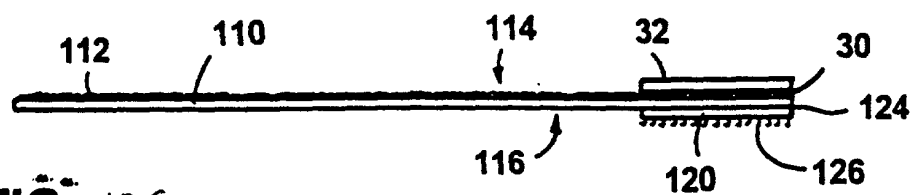


FIG. 12C

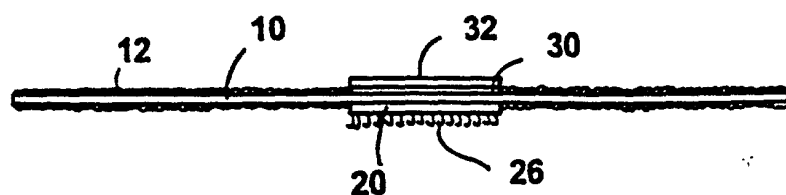


FIG. 12D

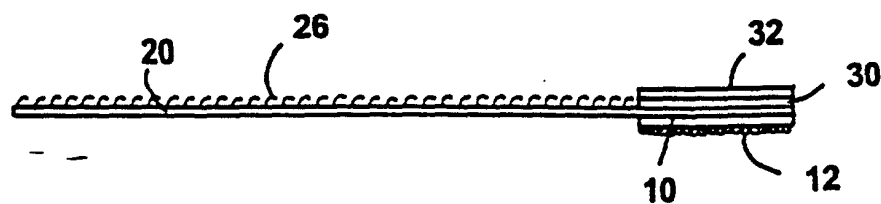


FIG. 12E

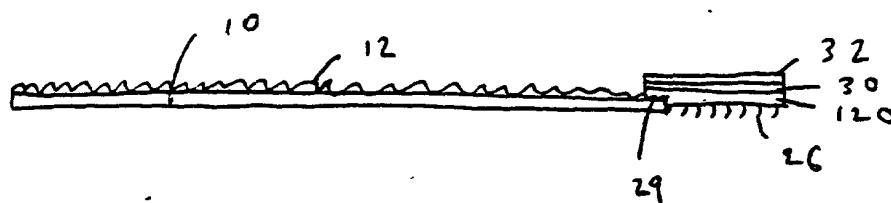


FIG. 12F

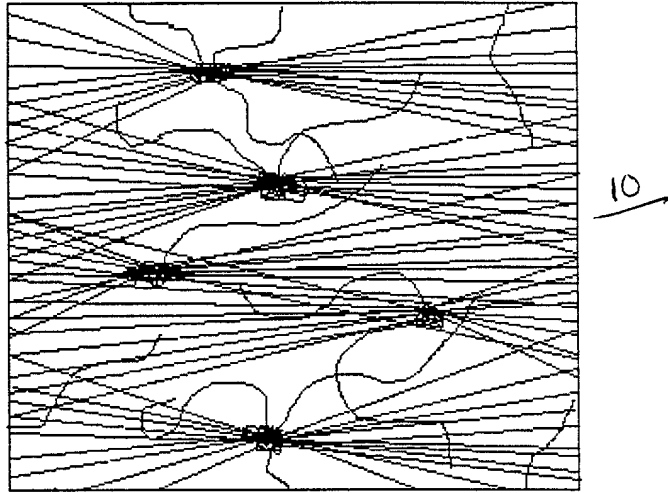


FIG. 13A

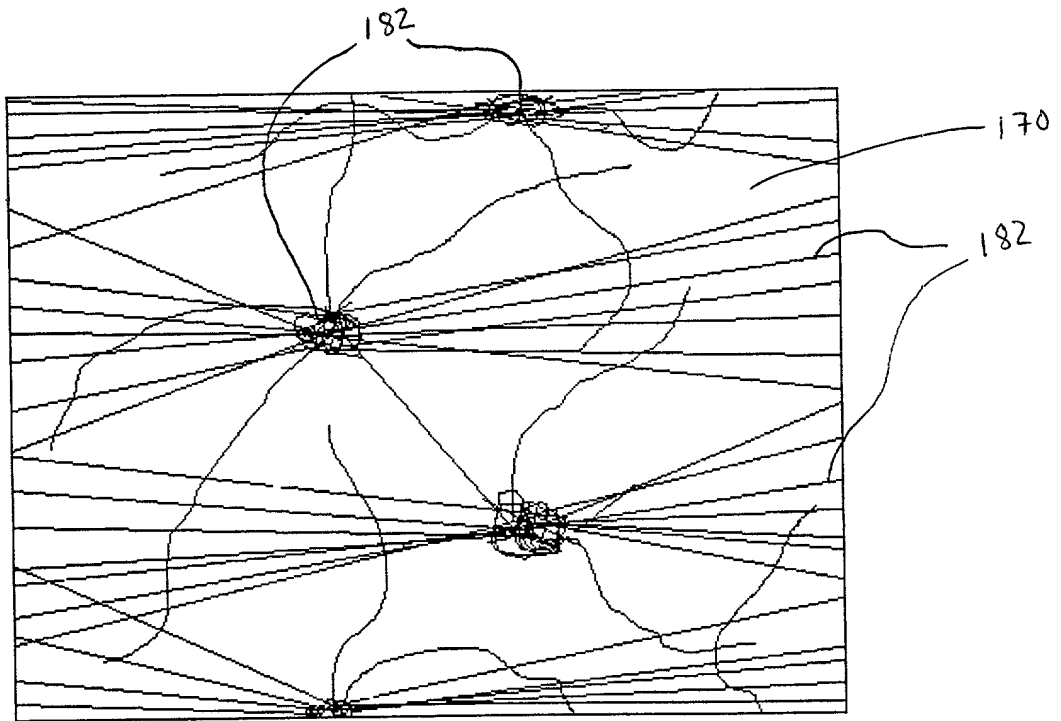
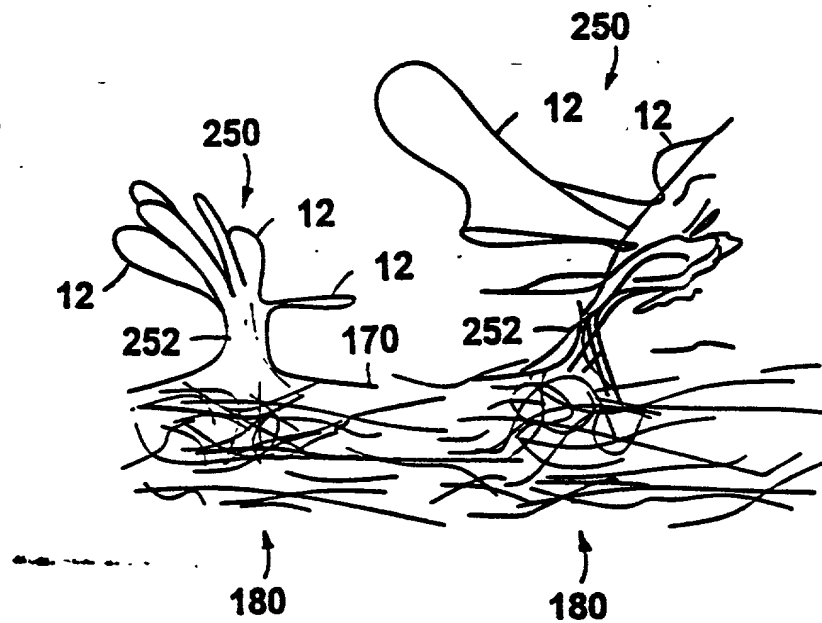


FIG. 13B



**FIG. 13C**

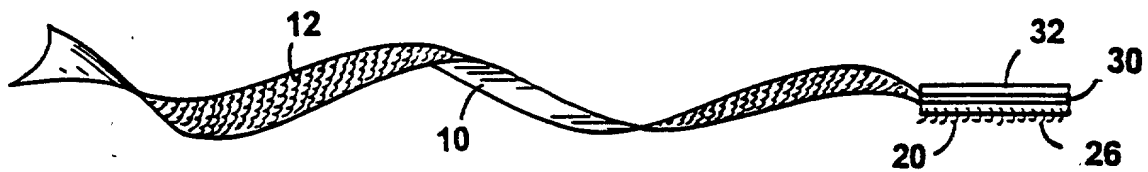


FIG. 14

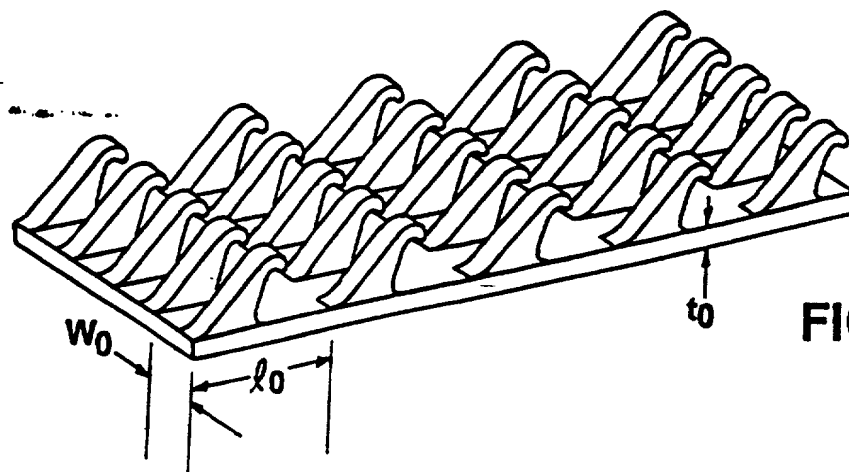


FIG. 15A

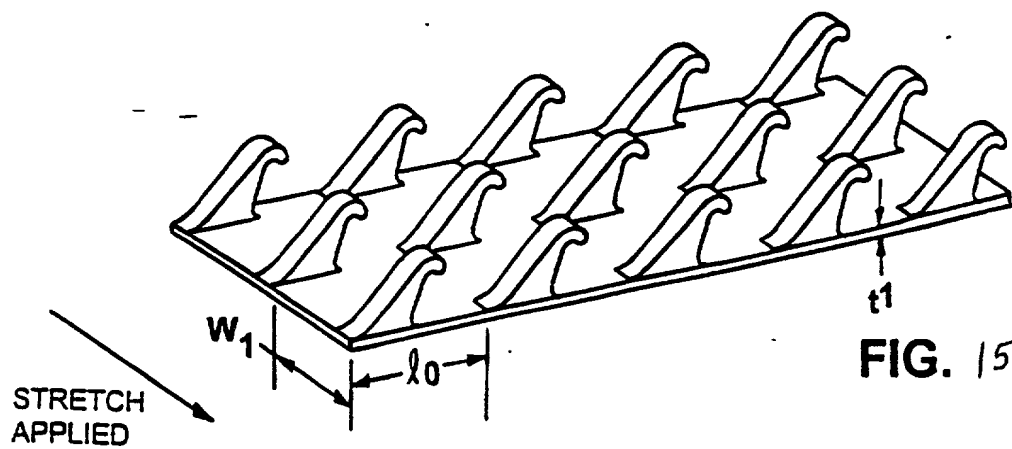


FIG. 15B

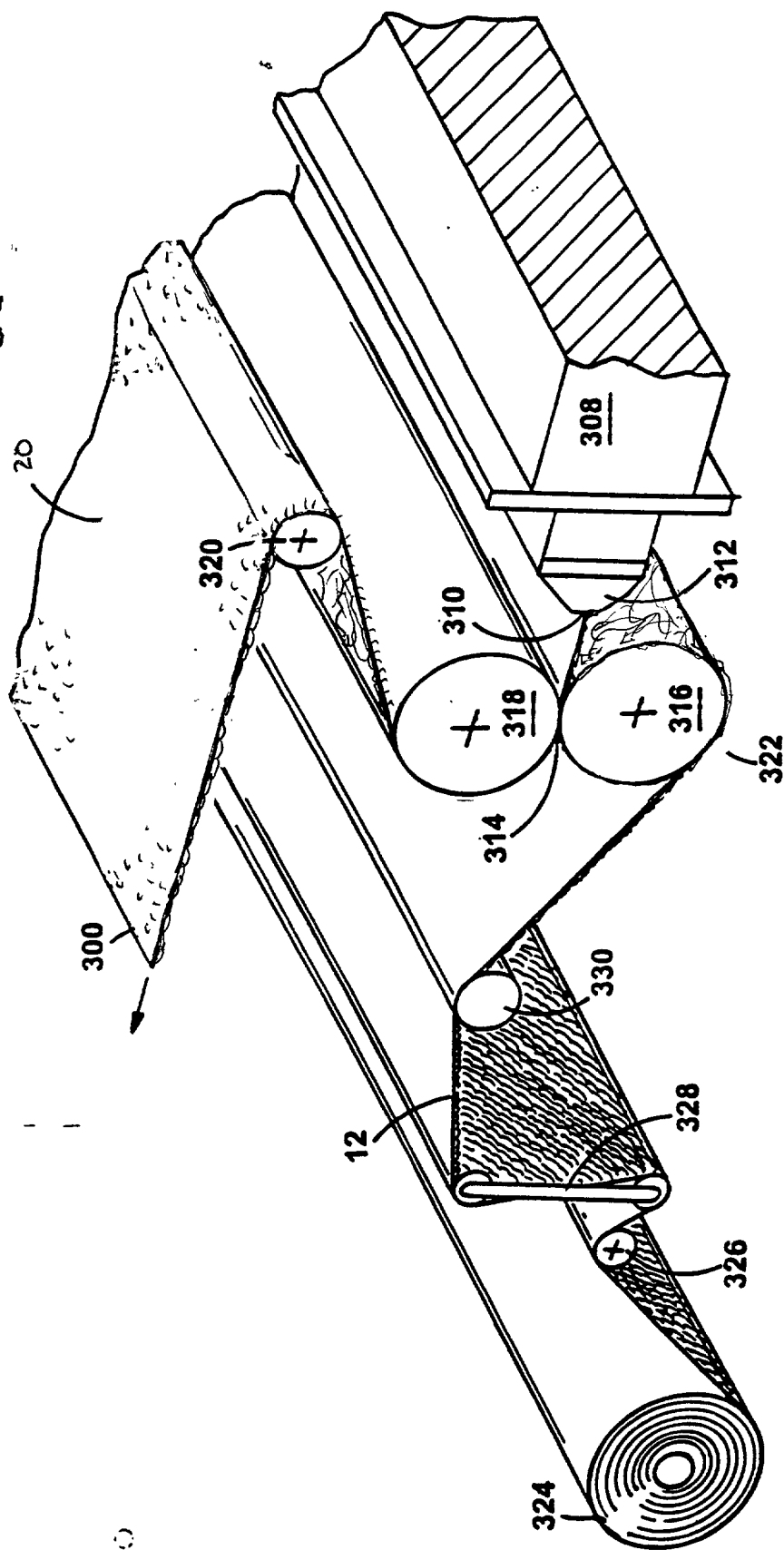


FIG. 16

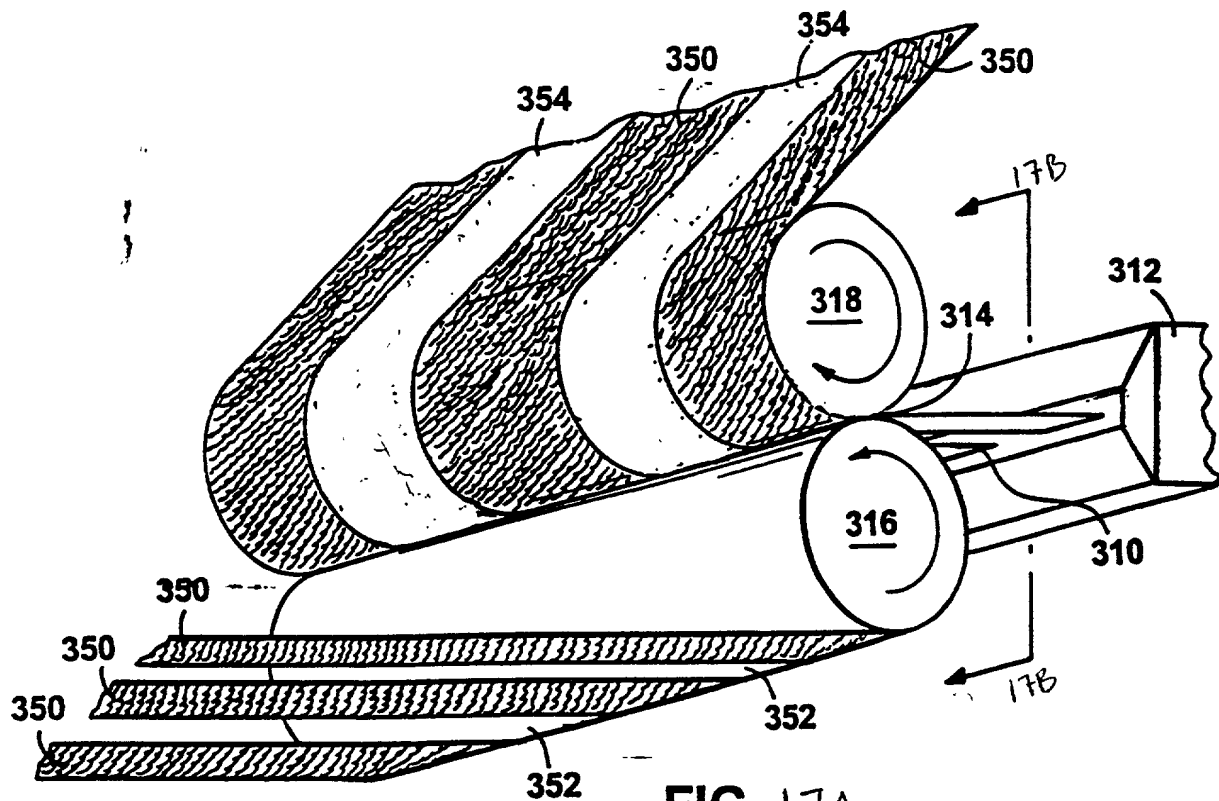


FIG. 17A

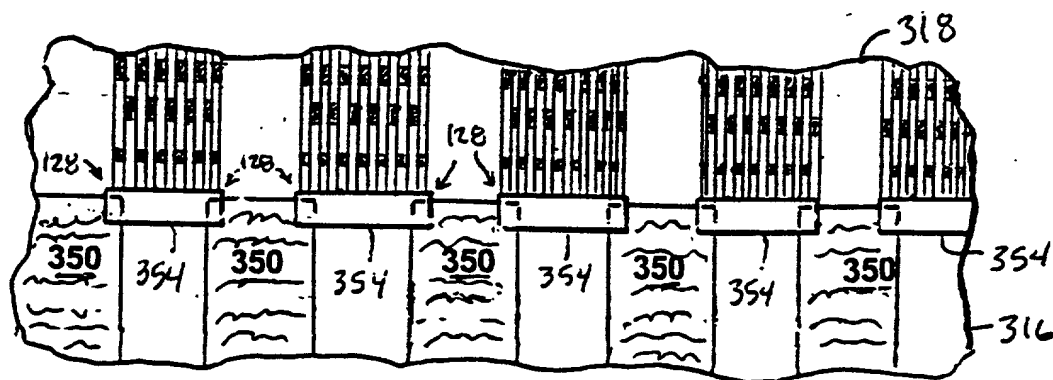


FIG. 17B



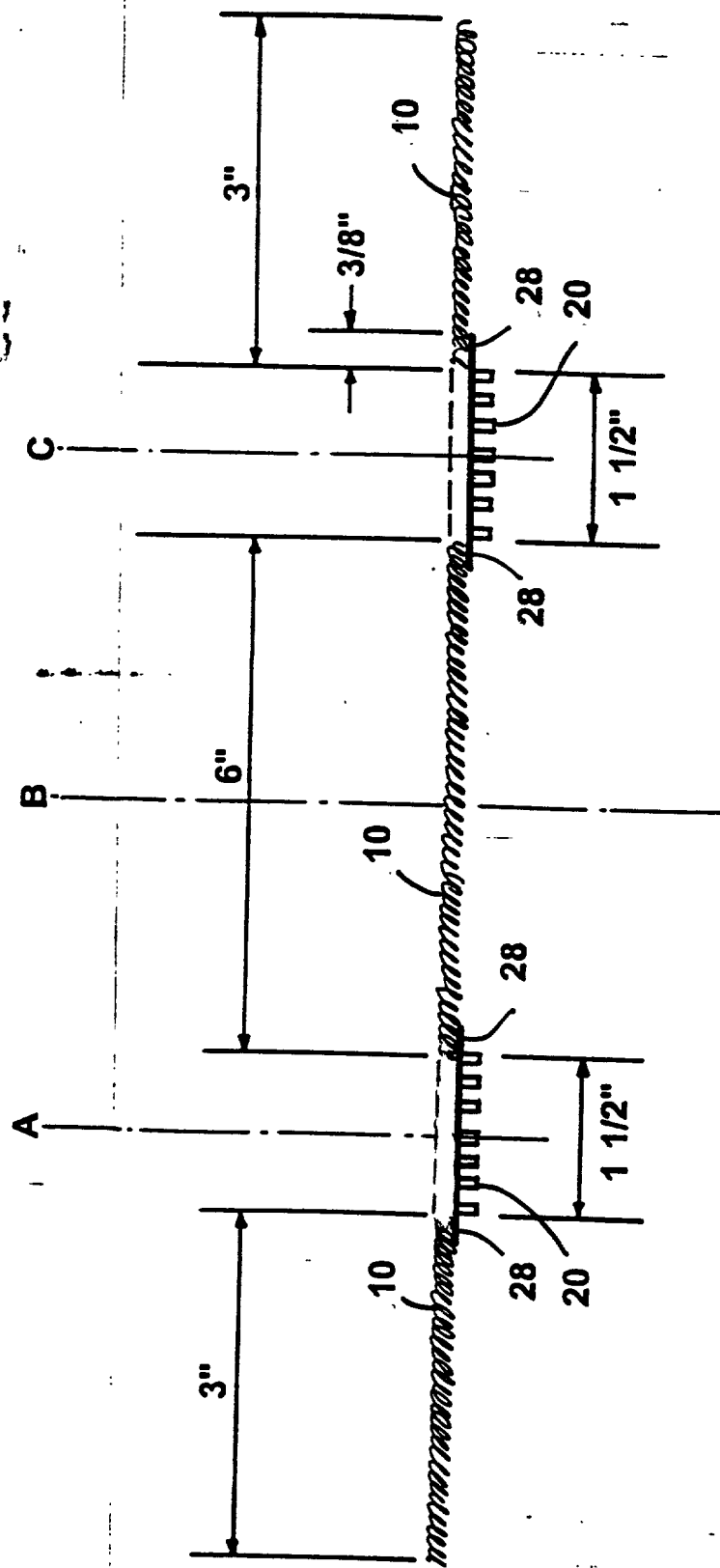


FIG. 18

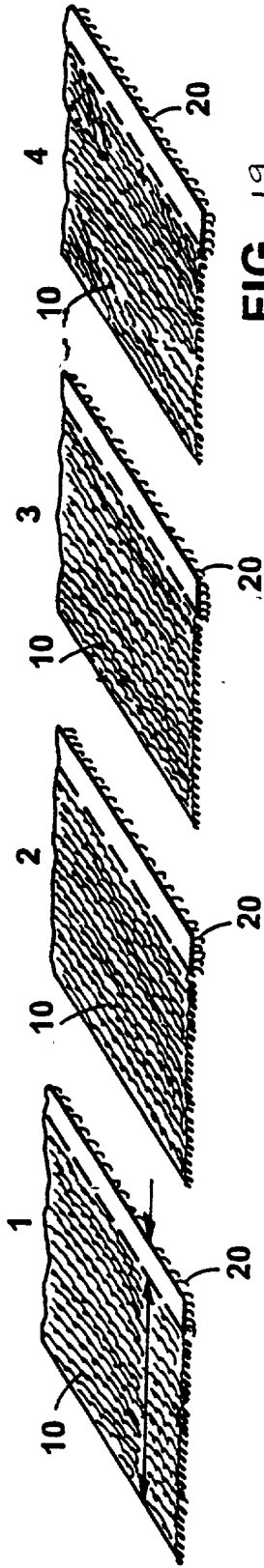


FIG. 19

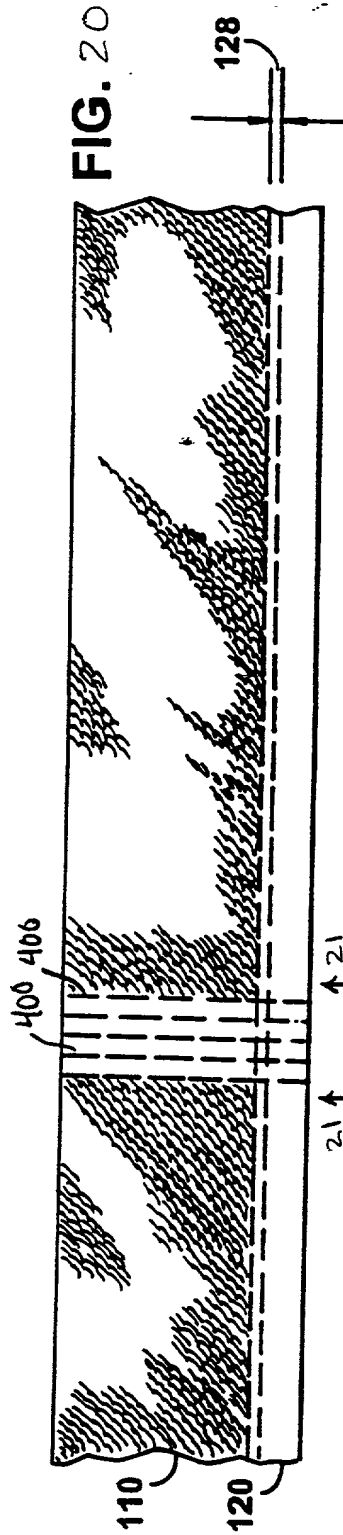


FIG. 20

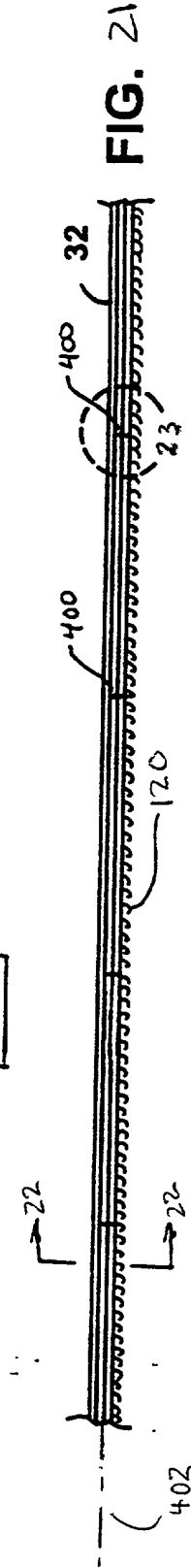


FIG. 21

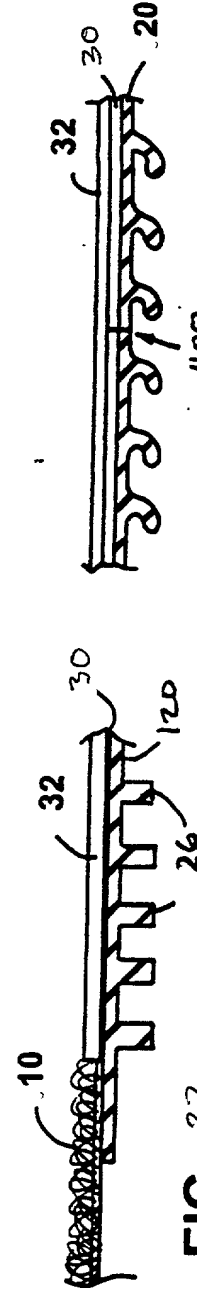


FIG. 22

FIG. 23

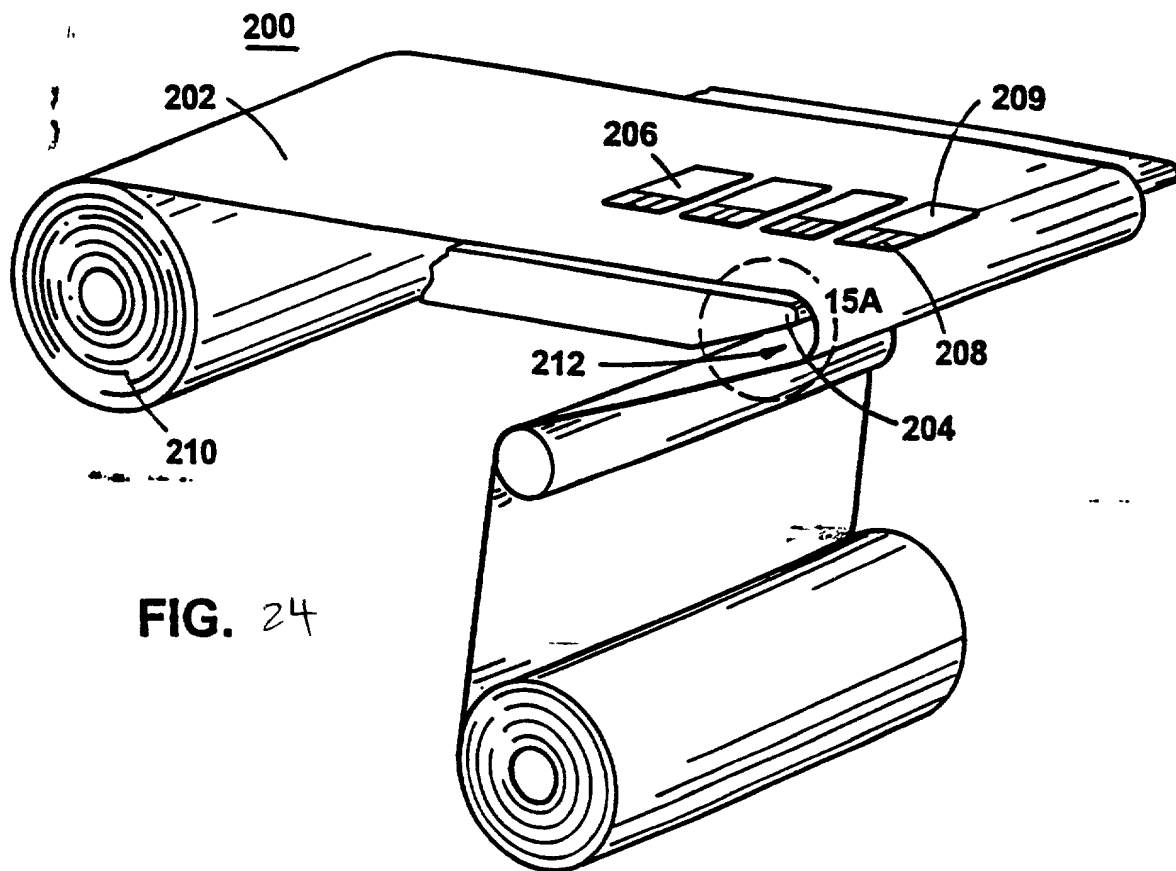


FIG. 24

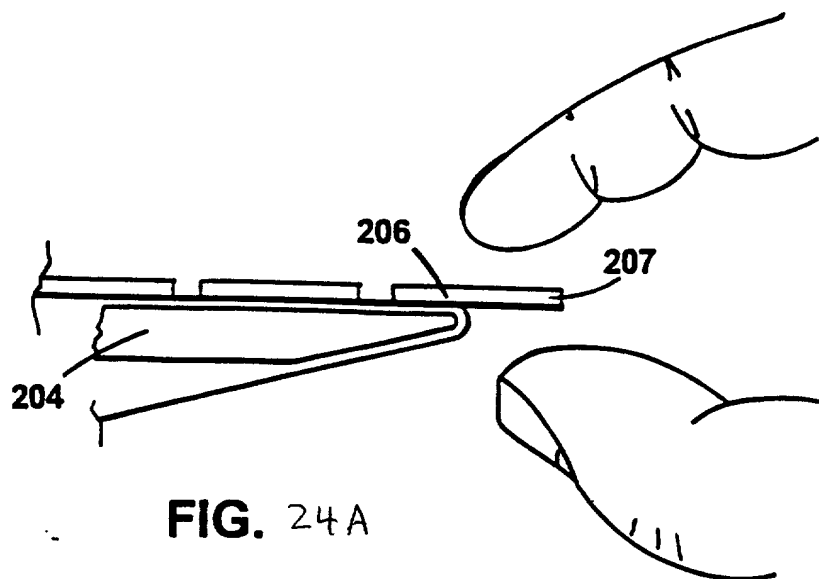


FIG. 24A

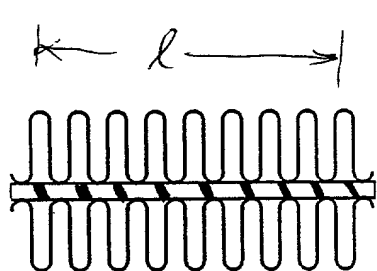


FIG. 25

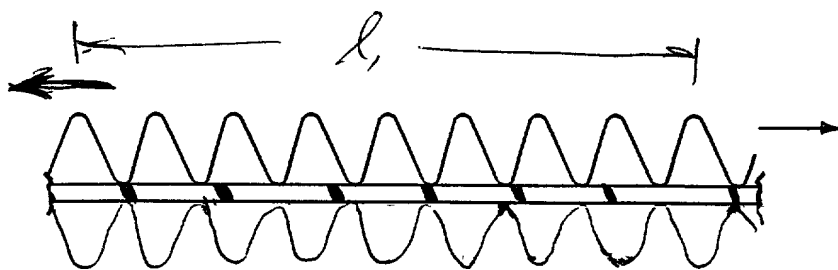


FIG 25 A

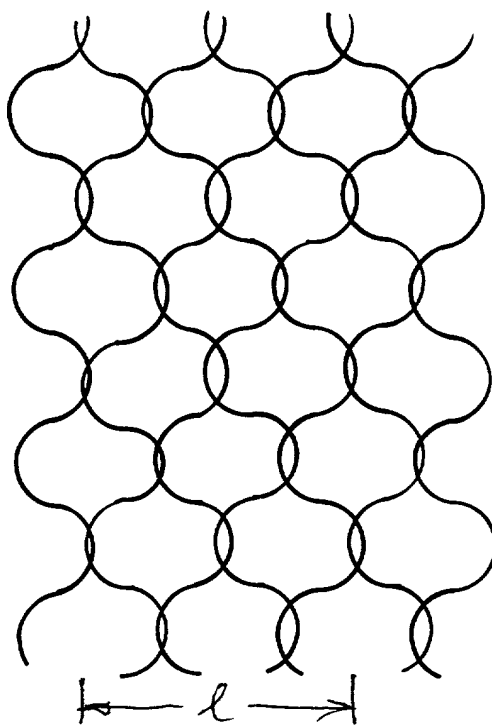


FIG. 26

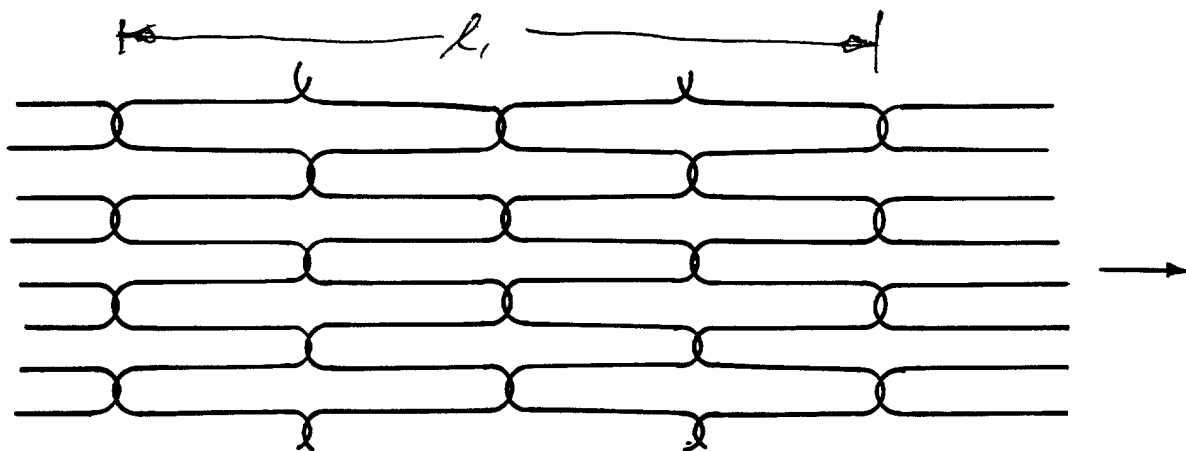


FIG. 26A

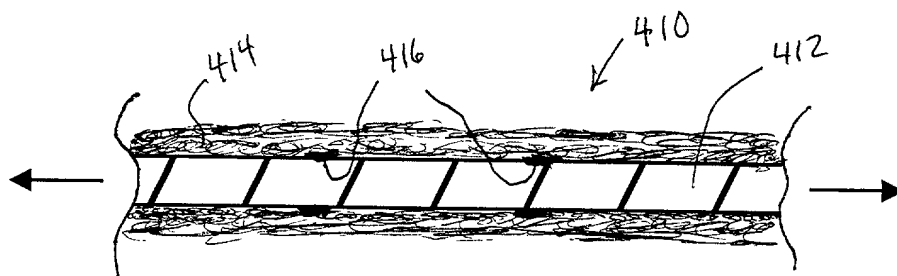


FIG. 27

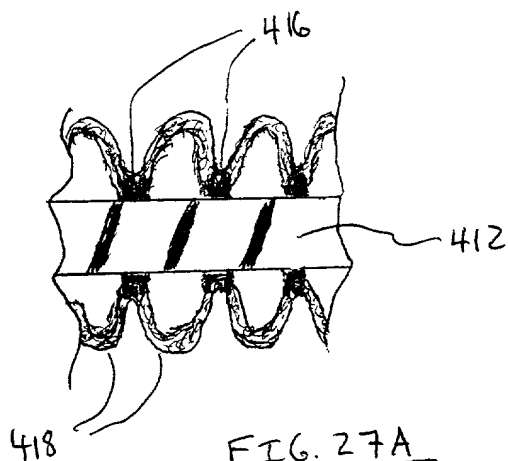


FIG. 27A

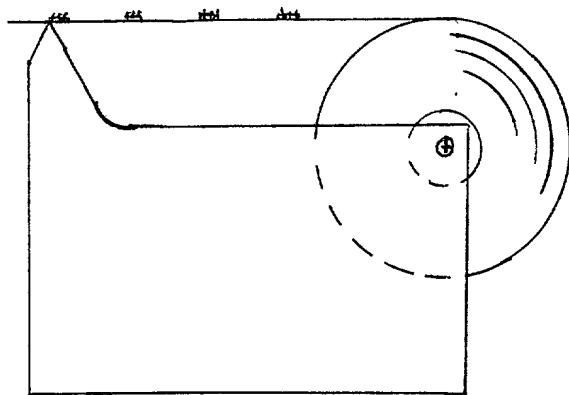


FIG. 30C

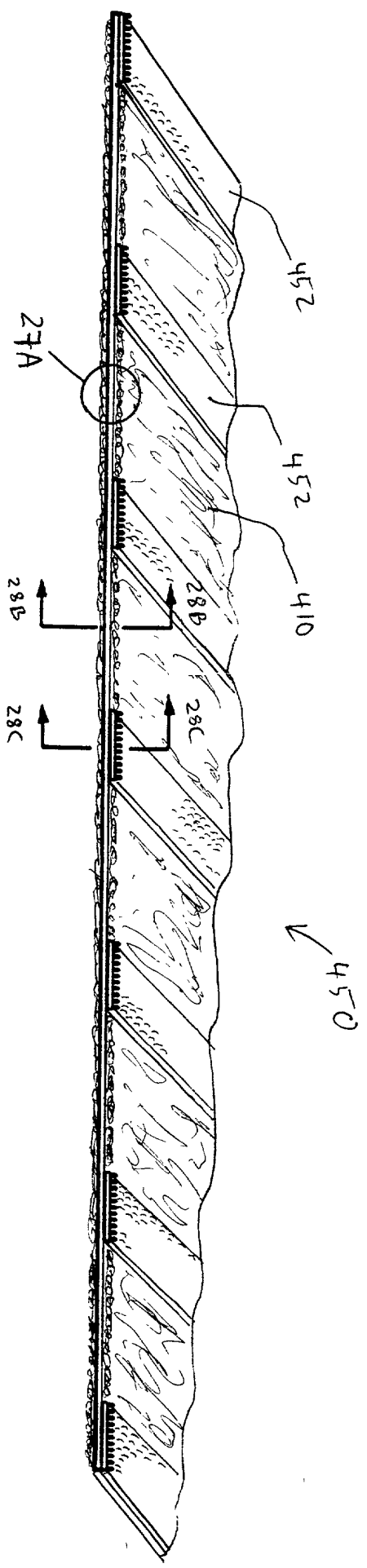
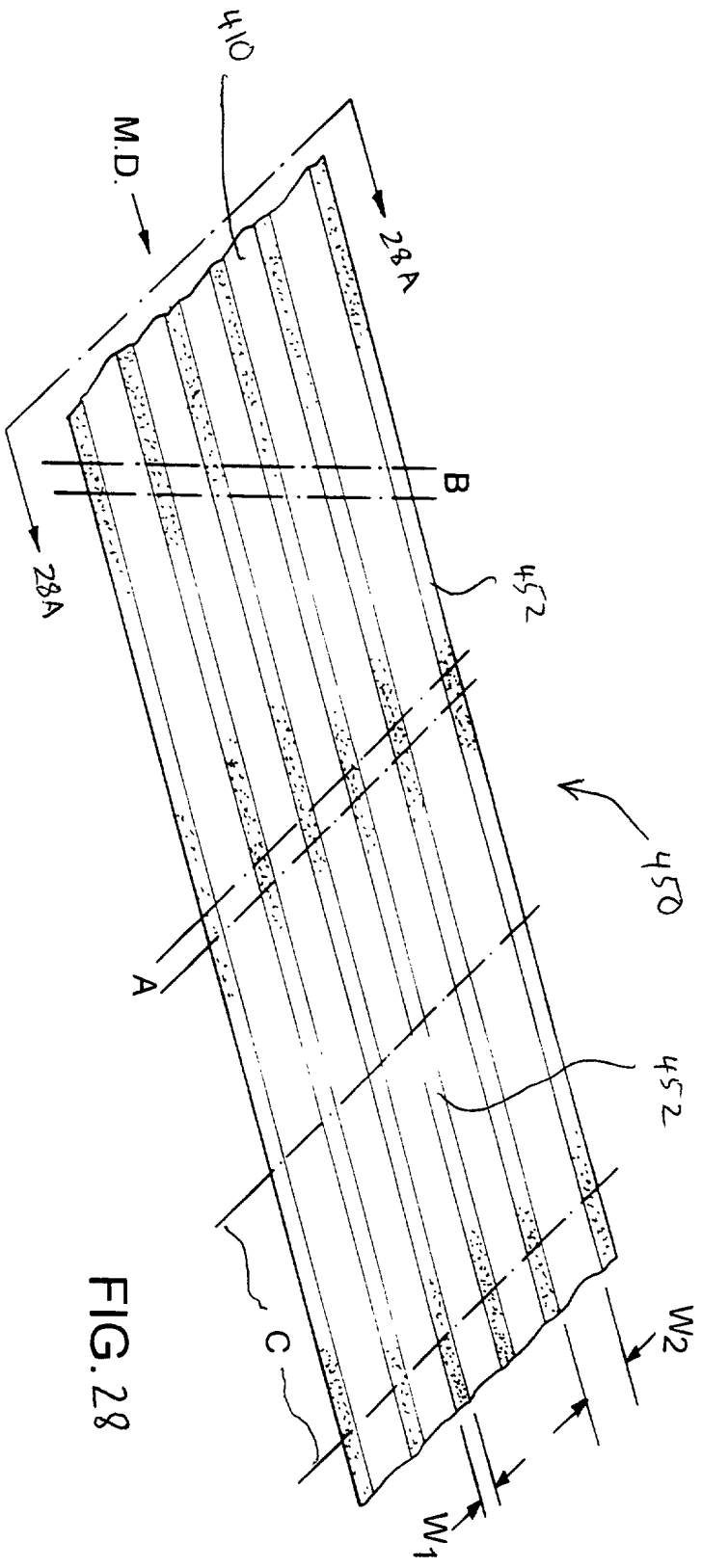


FIG. 28A is a cross-sectional view of the structure 450, showing the central core 410 and the surrounding layers 452. The circular feature 27A is located on the left side. Arrows 28B and 28C point to the layers. The entire structure is labeled 450.

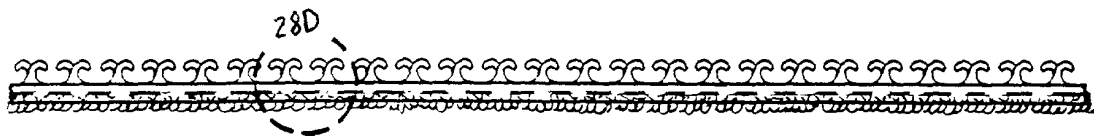


FIG. 28B

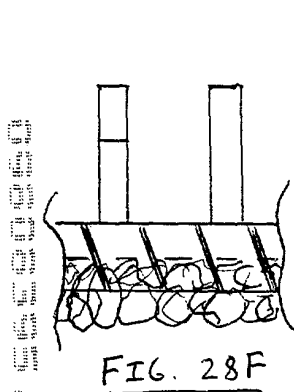


FIG. 28F

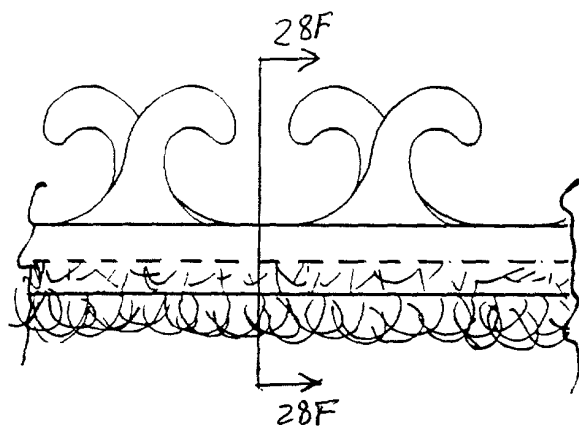


FIG. 28D

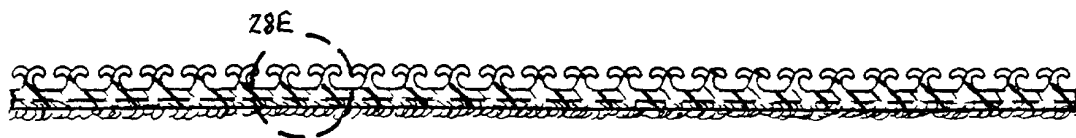


FIG. 28C

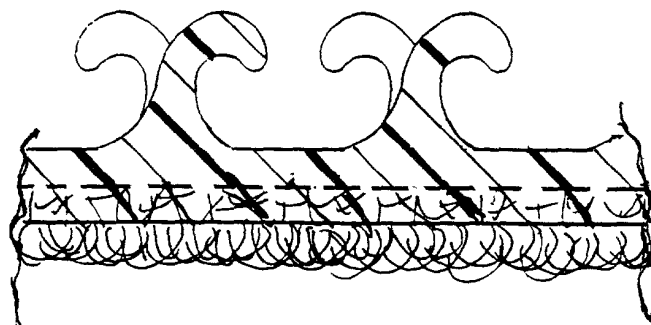


FIG. 28E

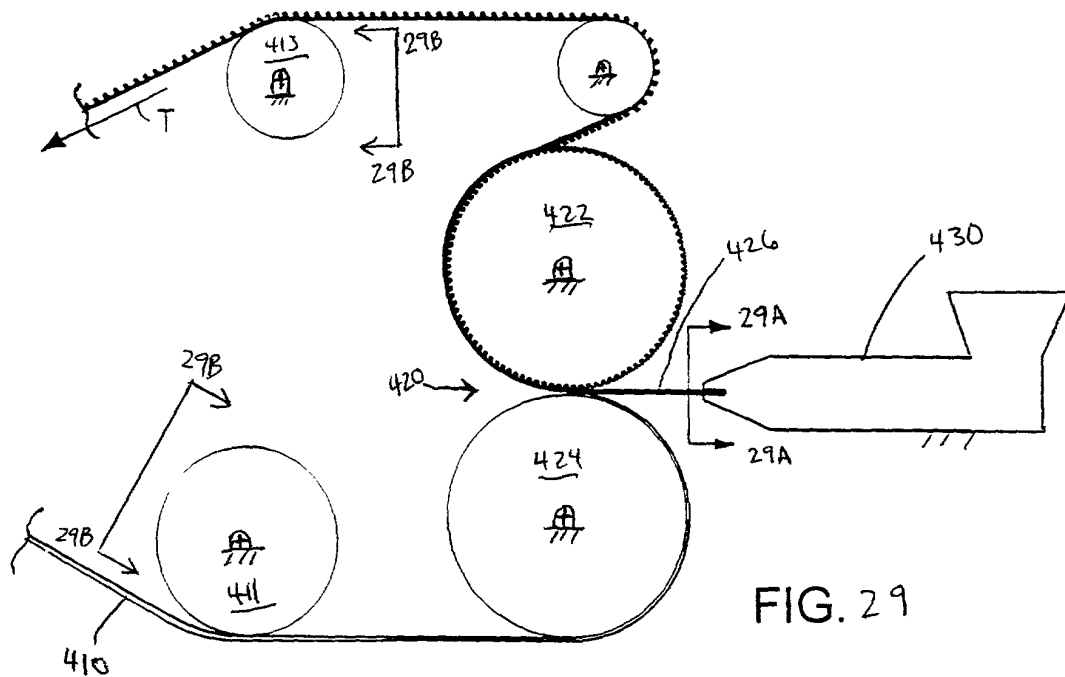


FIG. 29

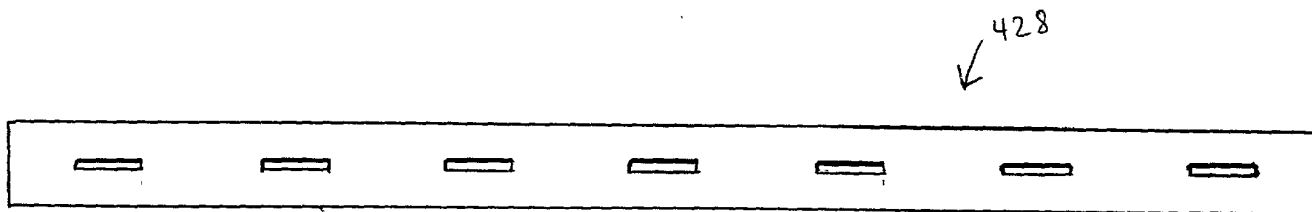


FIG. 29A

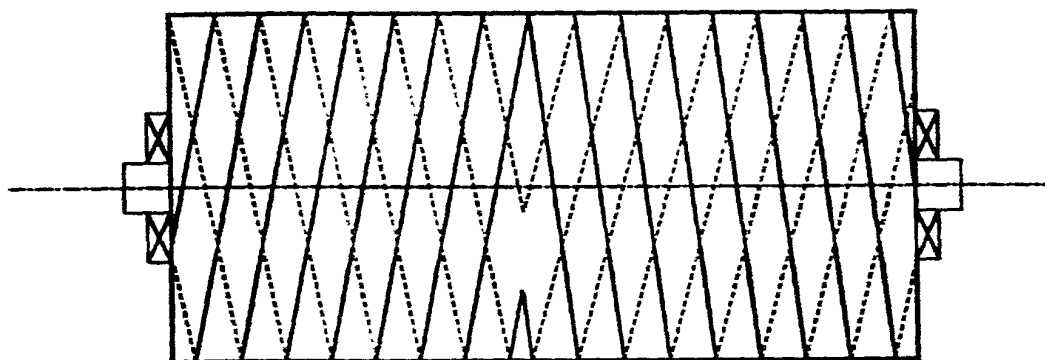


FIG. 29B



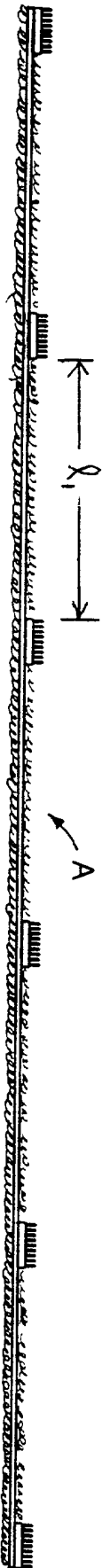
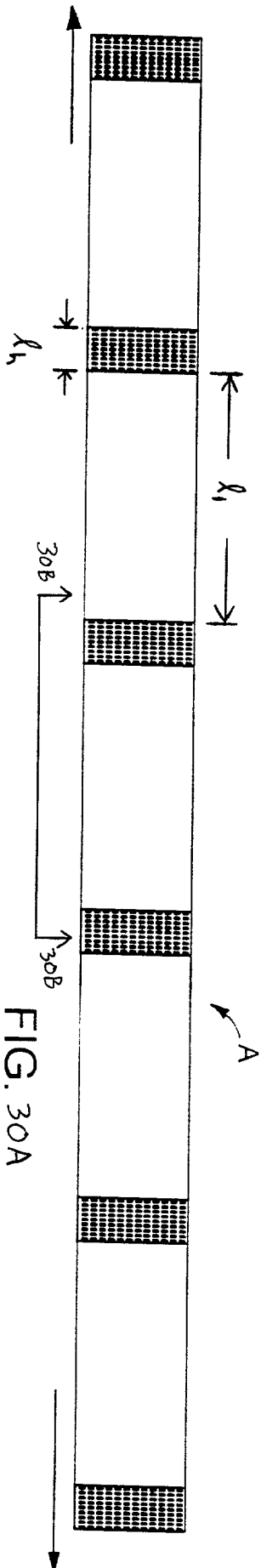
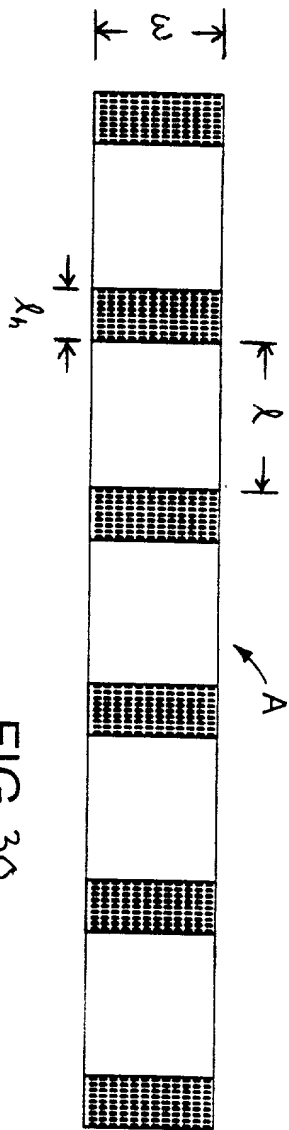


FIG. 31 is a perspective view of a catheter assembly 300 in a retracted position. The catheter assembly 300 includes a handle 310, a shaft 320, and a catheter tip 330. The handle 310 is connected to the shaft 320, and the shaft 320 is connected to the catheter tip 330. The catheter tip 330 is shown in a retracted position, exposing the catheter lumen 340. The catheter lumen 340 is defined by an inner tube 350 and an outer tube 360. The inner tube 350 is connected to the handle 310, and the outer tube 360 is connected to the shaft 320. The catheter tip 330 is shown in a retracted position, exposing the catheter lumen 340. The catheter lumen 340 is defined by an inner tube 350 and an outer tube 360. The inner tube 350 is connected to the handle 310, and the outer tube 360 is connected to the shaft 320.

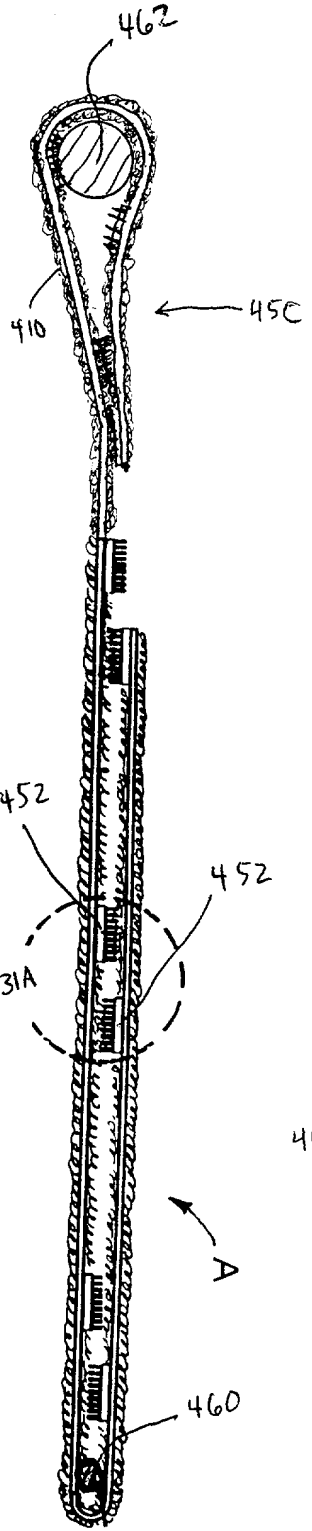


FIG. 31

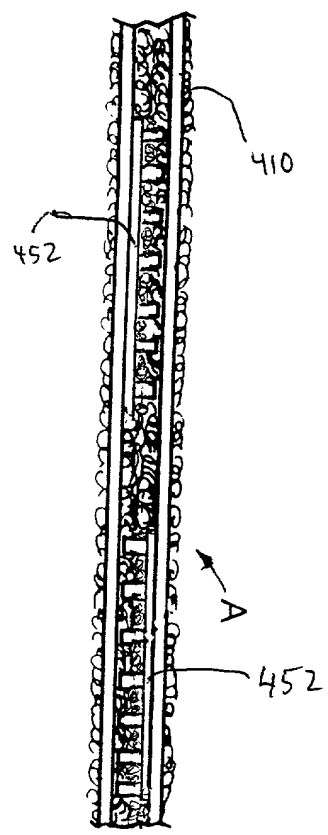


FIG. 31A

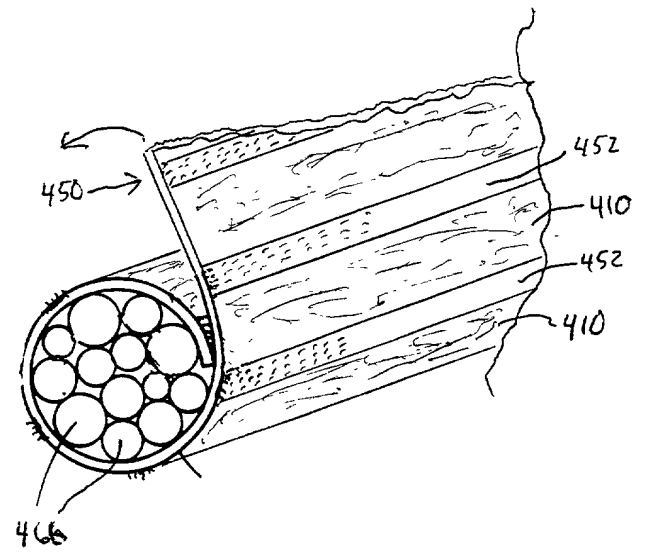


FIG. 32A

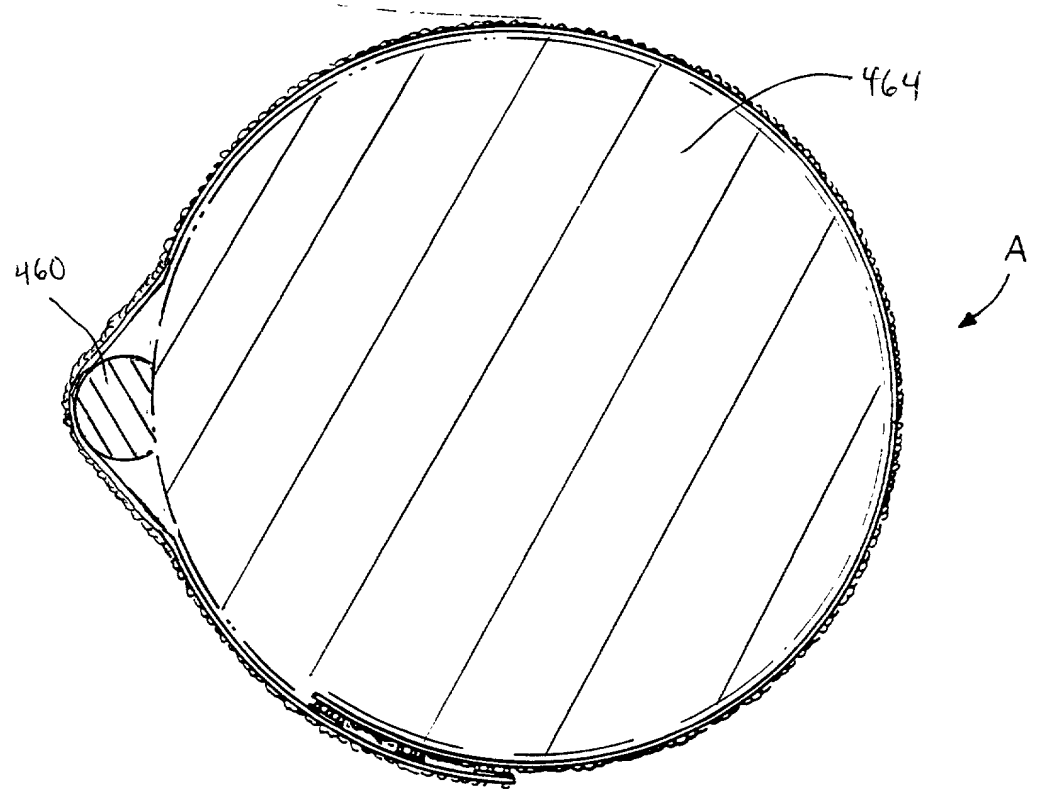


FIG. 32

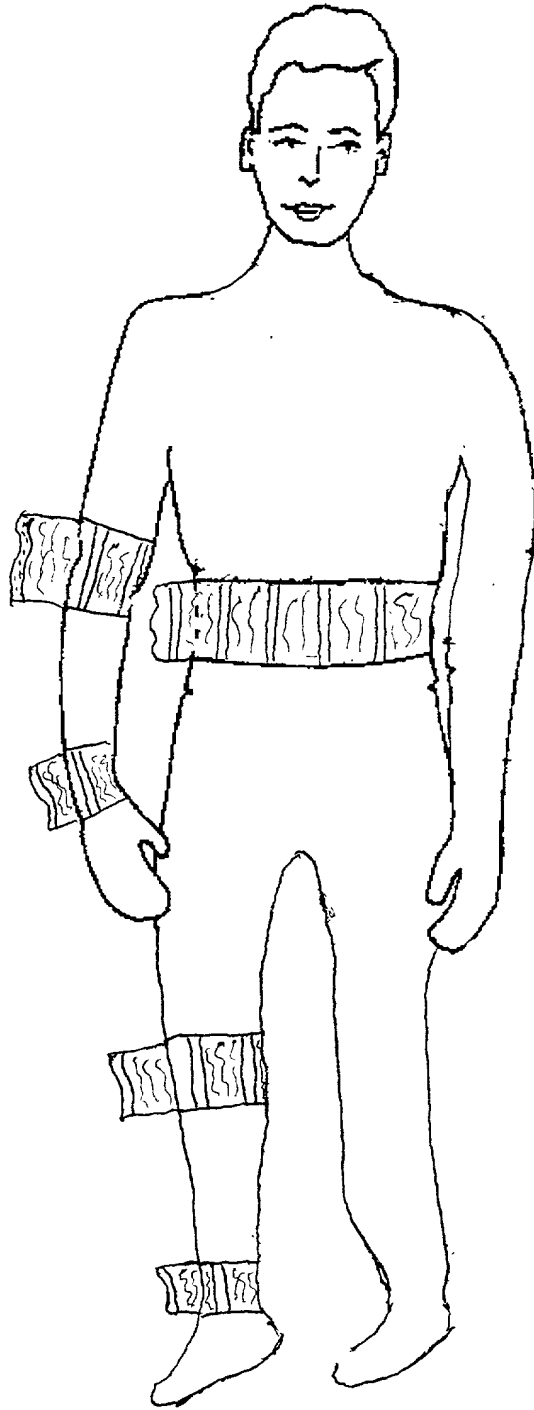


FIG. 33B

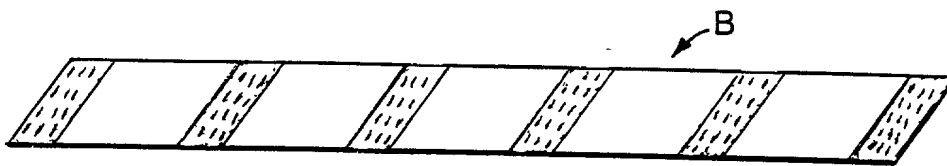


FIG. 34

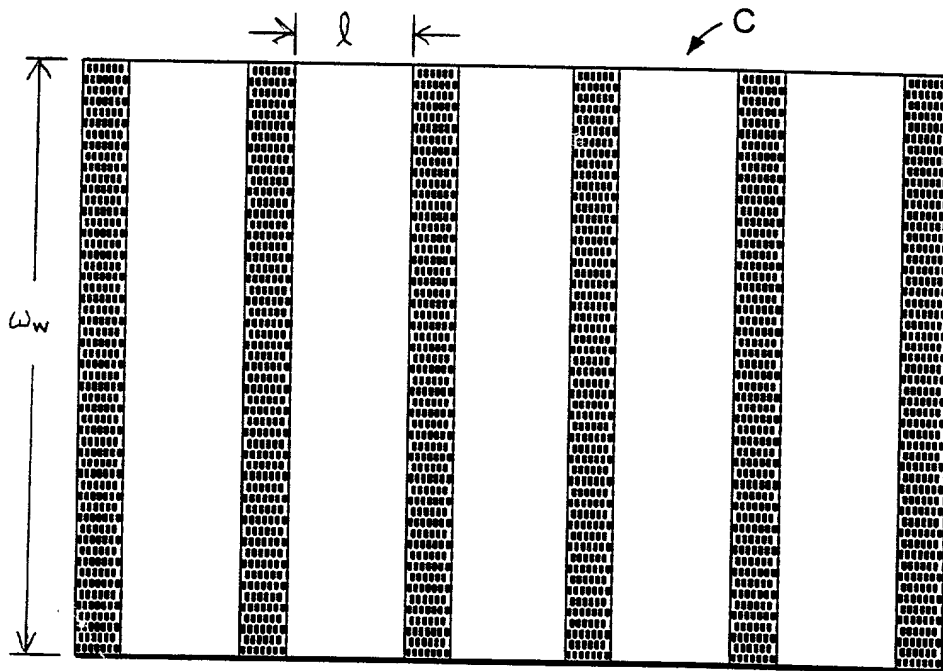


FIG. 33

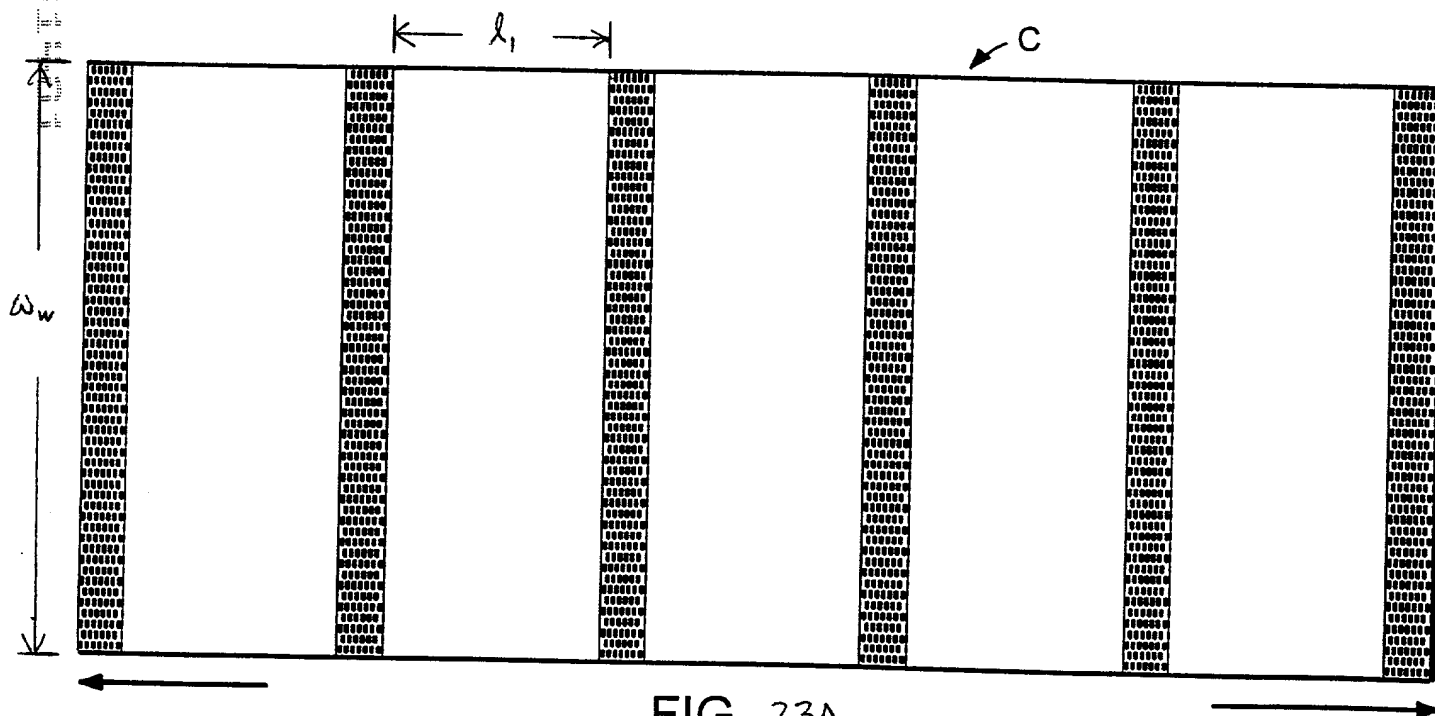


FIG. 33A

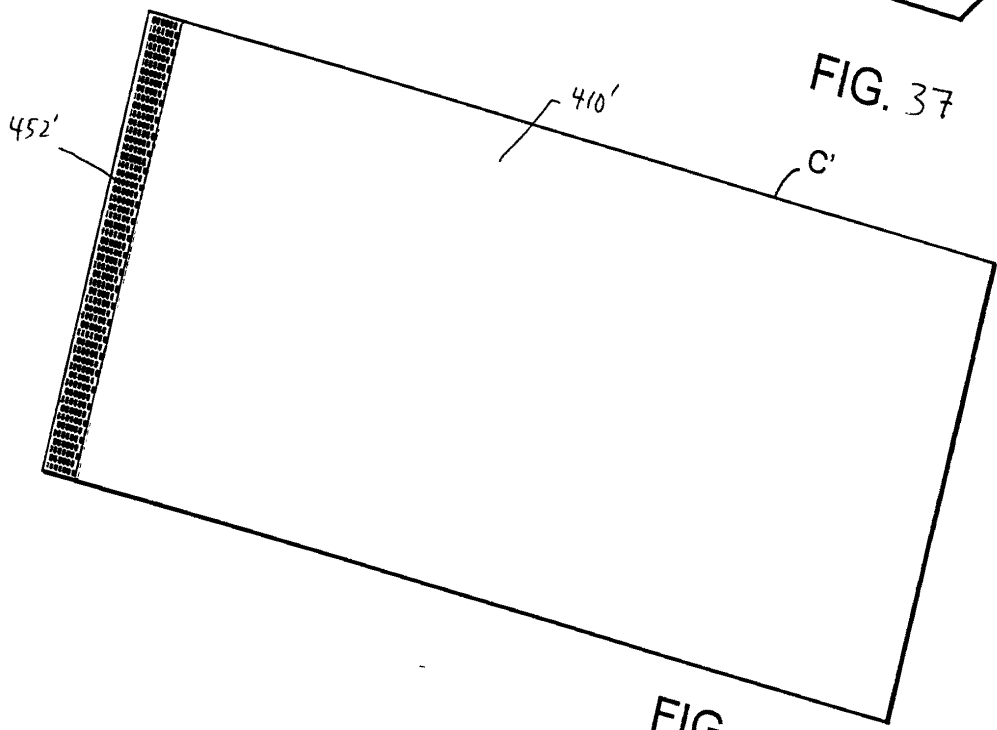
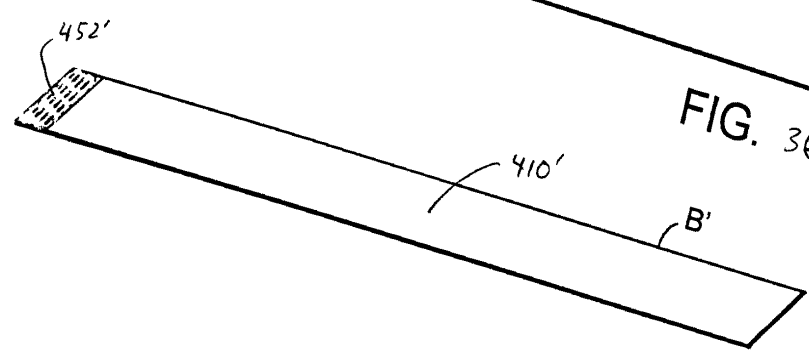
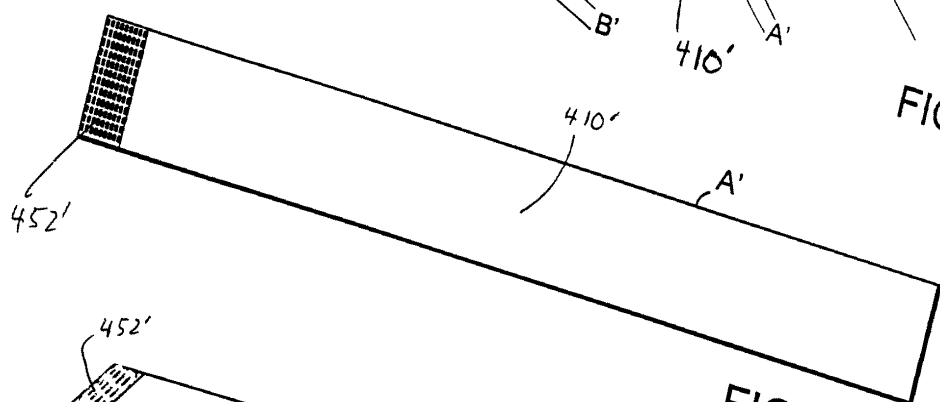
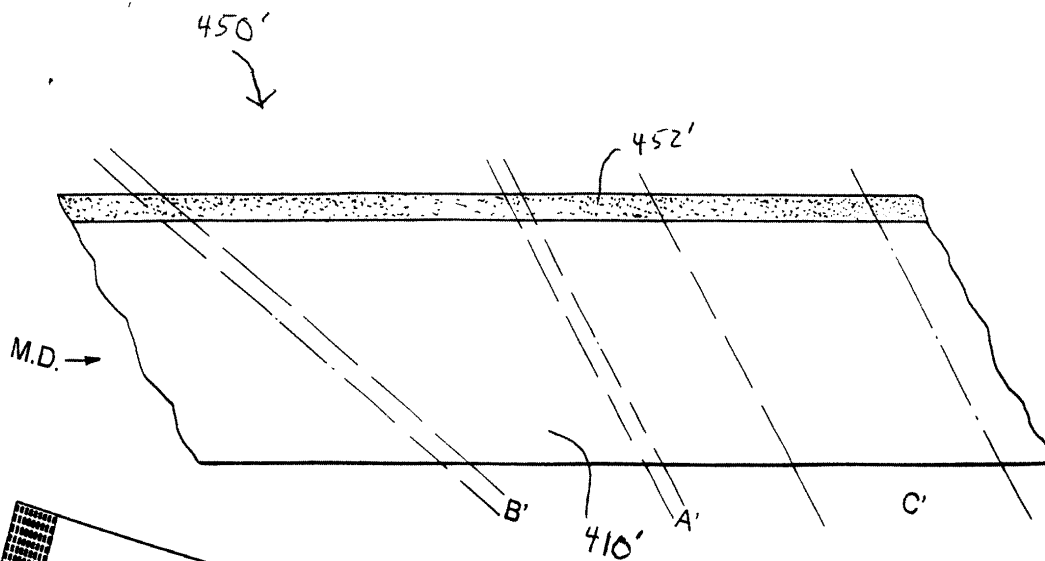


FIG. 35

FIG. 39 is a schematic diagram of a cross-section of a device 30, showing a substrate 31, a layer 32, and a layer 33. The device 30 is shown in a perspective view, with the substrate 31 being a rectangular block, the layer 32 being a thin layer on top of the substrate 31, and the layer 33 being a thin layer on top of the layer 32. The device 30 is shown in a perspective view, with the substrate 31 being a rectangular block, the layer 32 being a thin layer on top of the substrate 31, and the layer 33 being a thin layer on top of the layer 32.

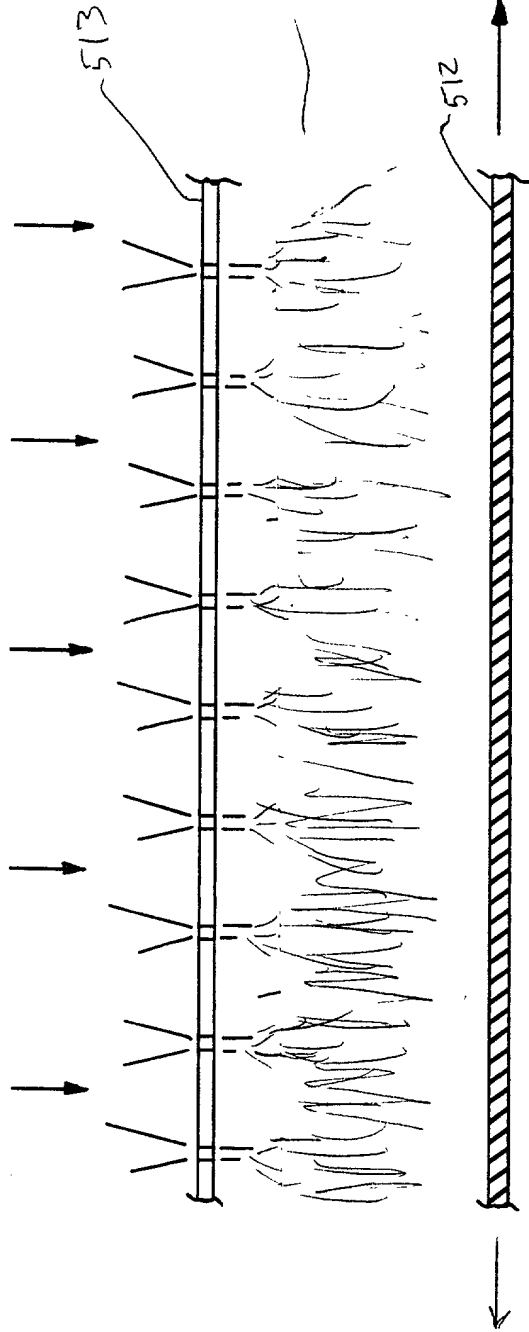


FIG. 40

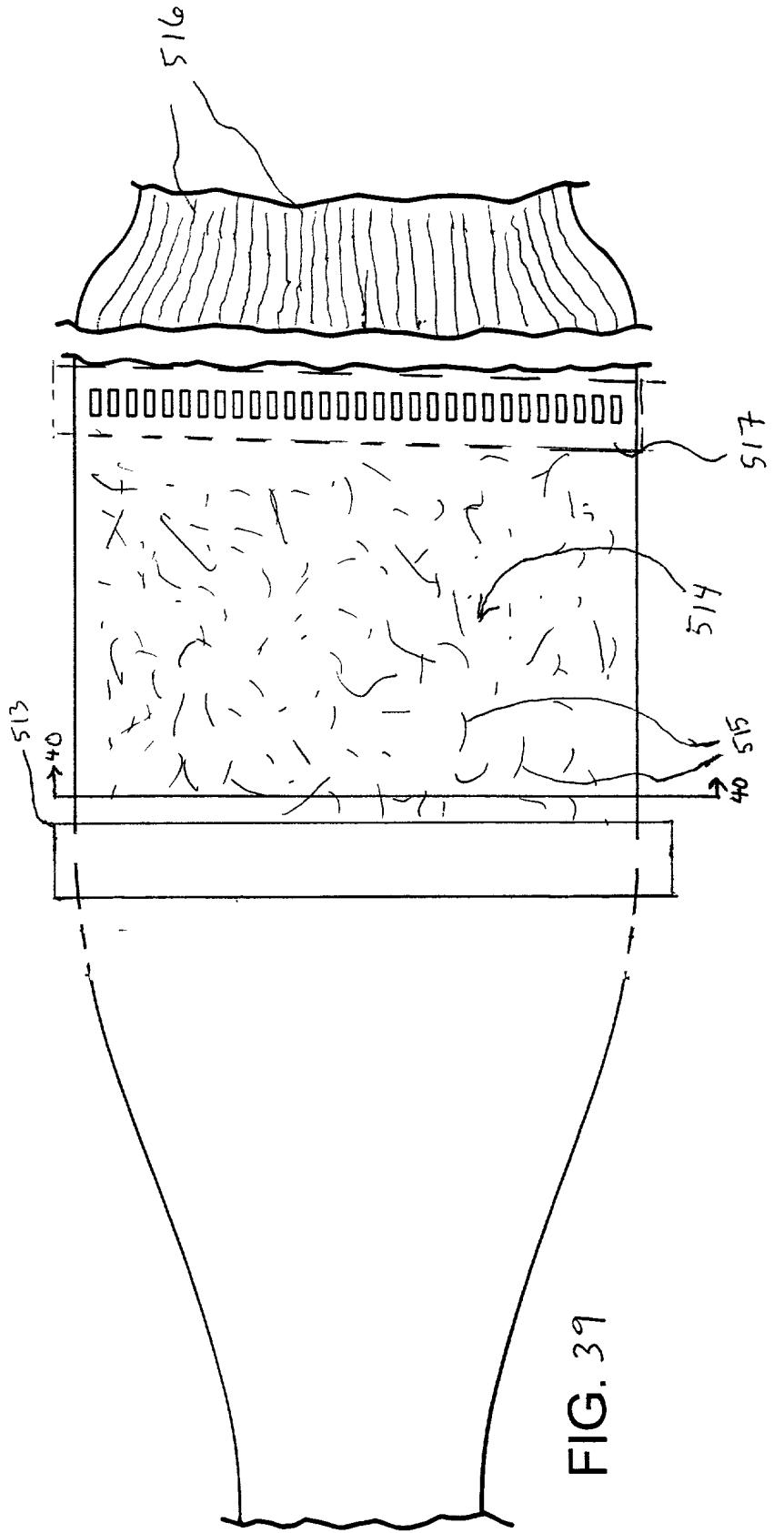


FIG. 39

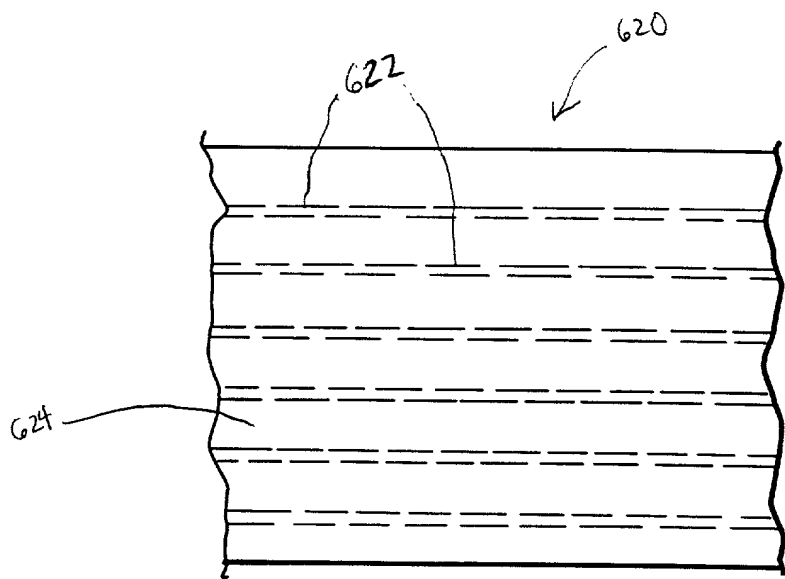


FIG. 42

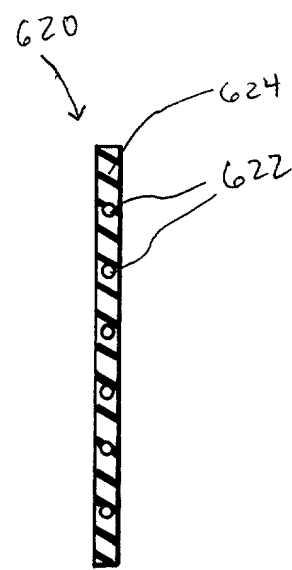


FIG. 41

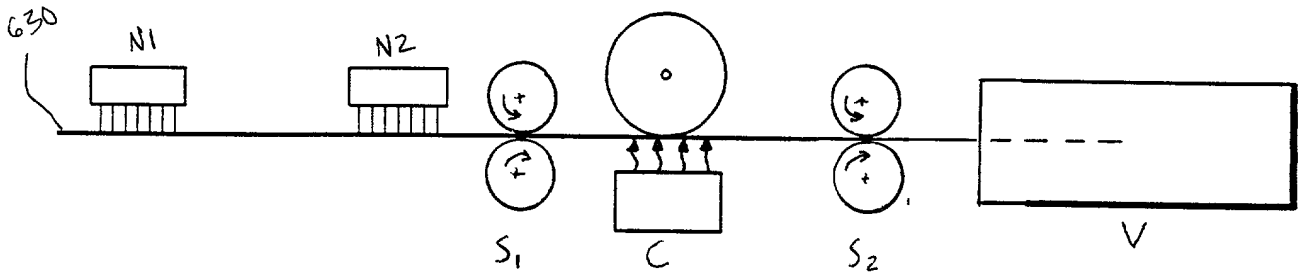


FIG. 43

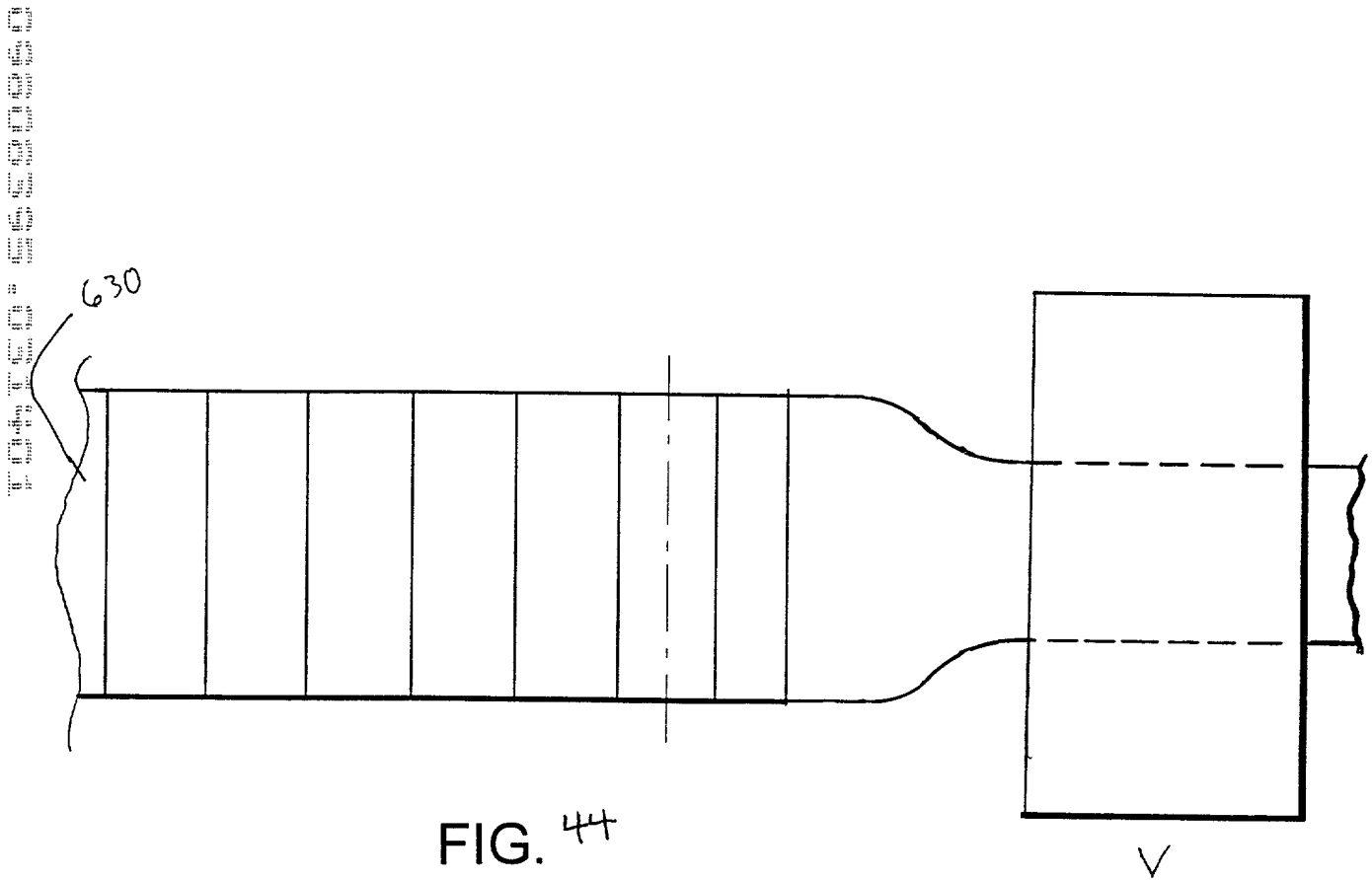


FIG. 44



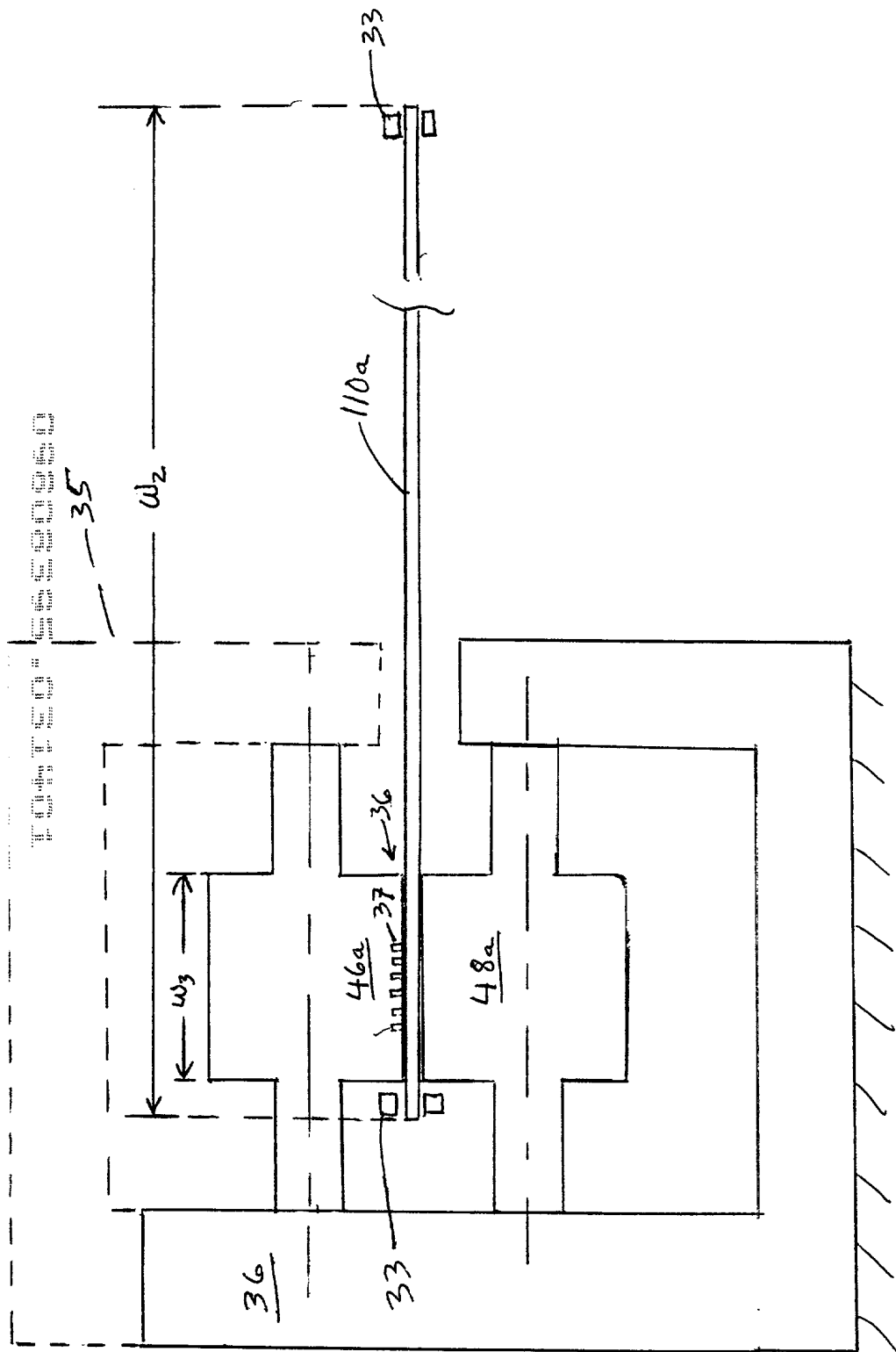
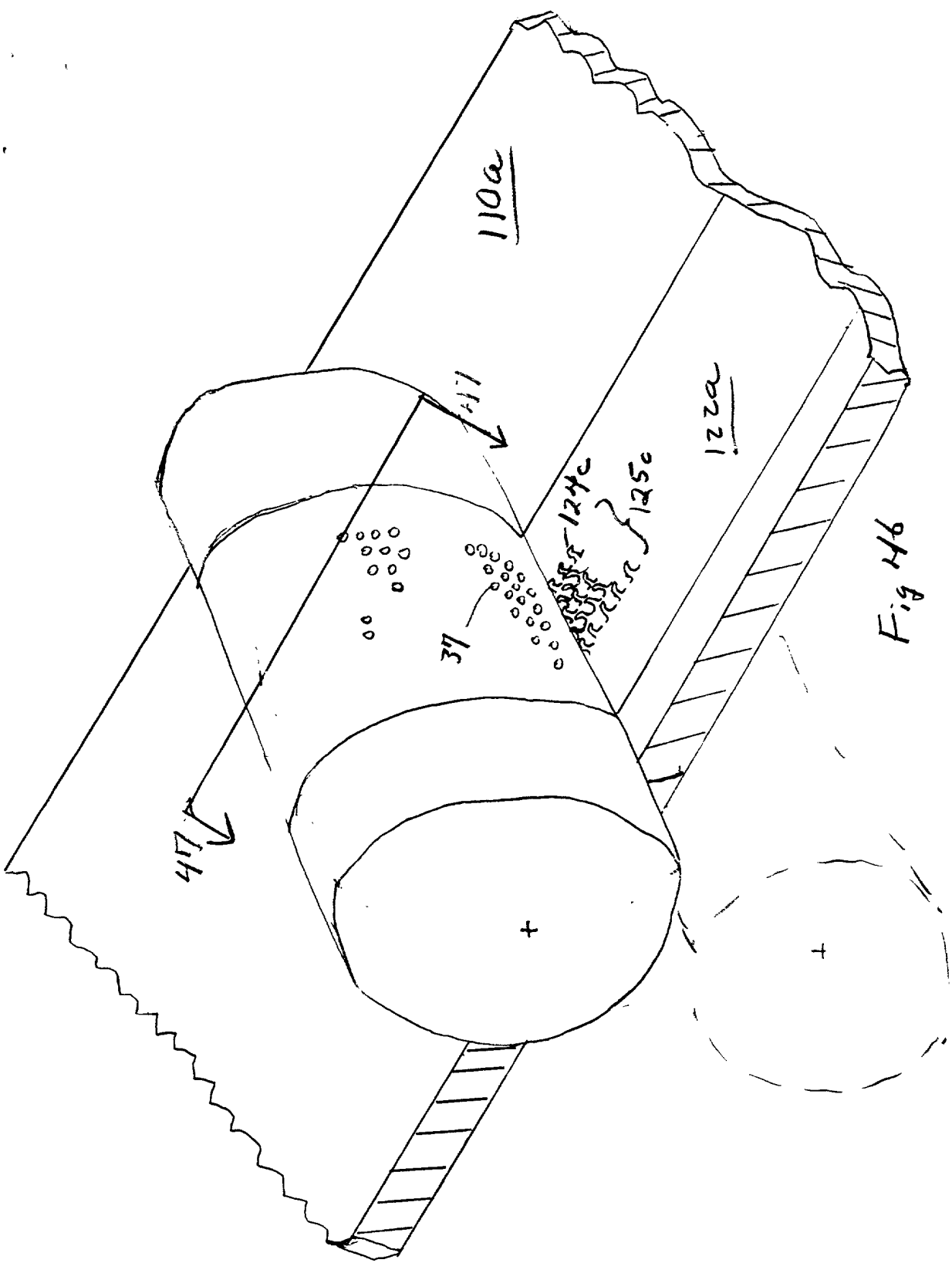


FIG 45



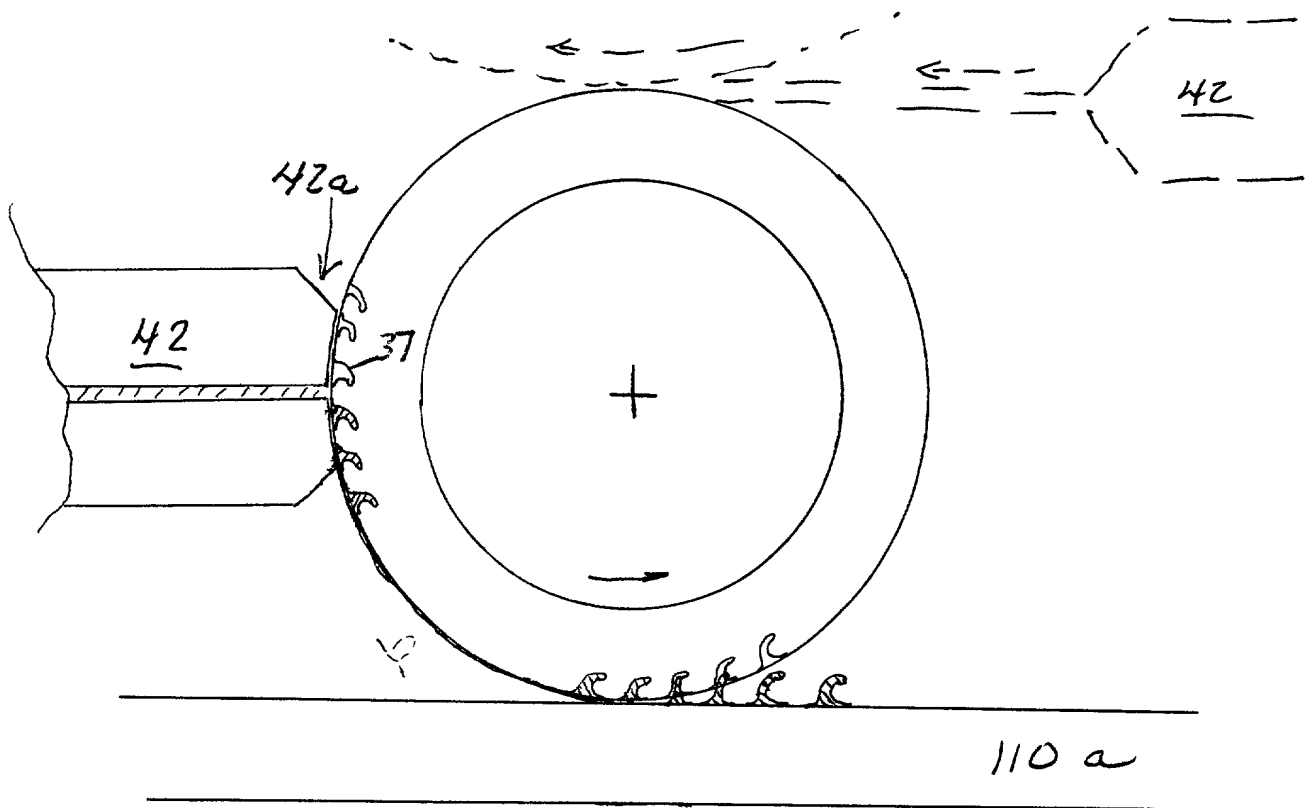


Fig 47